SECTION B. DETAILED STATISTICAL TABLES

SUMMARY TABLES

Detailed Tables—Master's Degree Recipients

Table S-1. Number of 1991 science and engineering bachelor's degree recipients, by primary status, median salary, and field of degree: April 1993

Major field	Total recipients	Primary status				Median salary for full-time employed 2/
		Full-time students	Employed in science and engineering 1/	Employed in other occupation 1/	Not employed or full-time student	
All science and engineering fields	308,500	69,900	72,800	148,400	17,500	25,300
Major type						
Total science	247,900	61,600	34,900	137,200	14,200	22,100
Total engineering	60,600	8,300	38,000	11,200	3,200	33,800
Major field						
Computer and mathematical sciences, total	37,800	4,000	13,300	18,800	1,700	28,500
Computer science and information sciences	24,500	1,600	11,500	10,300	1,200	31,000
Mathematics and related sciences	13,200	2,400	1,800	8,400	600	23,400
Life and related sciences, total	47,600	17,800	7,700	19,000	3,100	21,000
Agricultural and food sciences	4,200	800	800	2,500	200	21,600
Biological sciences	40,000	16,600	5,900	15,000	2,600	20,800
Environmental life sciences including forestry sciences	3,400	400	1,000	1,500	400	21,300
Physical and related sciences, total	16,200	6,000	4,600	4,900	600	25,000
Chemistry, except biochemistry	7,300	2,900	2,400	1,700	200	27,000
Earth sciences, geology, and oceanography	3,800	900	1,200	1,400	200	23,000
Physics and astronomy	4,400	2,100	900	1,200	200	25,000
Other physical sciences	800	100	100	500	S	24,000
Social and related sciences, total	146,300	33,800	9,200	94,500	8,800	21,000
Economics	22,800	2,900	2,200	16,700	1,000	24,000
Political science and related sciences	32,800	10,300	1,300	19,200	1,900	21,600
Psychology	54,600	14,800	3,900	32,900	3,100	19,000
Sociology and anthropology	22,400	3,400	1,200	16,100	1,700	20,800
Other social sciences	13,700	2,400	600	9,600	1,100	23,000
Engineering, total	60,600	8,300	38,000	11,200	3,200	33,800
Aerospace and related engineering	3,500	800	1,400	1,000	300	29,000
Chemical engineering	3,300	600	2,300	300	100	40,000
Civil and architectural engineering	7,200	600	5,400	1,000	200	31,000
Electrical, electronic, computer and communications engineering	22,100	3,500	13,100	3,900	1,700	35,000
Industrial engineering	3,700	200	2,400	900	100	33,000
Mechanical engineering	12,900	1,500	8,800	2,200	400	35,000
Other engineering	7,900	1,000	4,600	1,900	400	33,000

1/ The definition of "employed in science and engineering" and "employed in other occupations" was revised substantially for the 1993 survey. Data are therefore not comparable to previous year's survey results.

2/ Salary for self-employed persons and for full-time students is not included in data presented in table.

KEY: S = Data are suppressed for reasons of respondent confidentiality and/or data reliability. For salary data, the unweighted cell size is less than 20.

NOTE: Details may not add to totals because of rounding.

SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993.

Table S-2. Number of 1991 science and engineering bachelor's degree recipients, by primary status, median salary, sex, and field of degree: April 1993

Major field	Total recipients	Primary status				Median salary for full-time employed 2/
		Full-time student	Employed in science and engineering 1/	Employed in other occupation 1/	Not employed or full-time student	
All science and engineering fields	308,500	69,900	72,800	148,400	17,500	$25,300
Total science						
Male	119,300	31,000	19,400	63,400	5,500	25,000
Female	128,600	30,600	15,400	73,800	8,700	22,000
Computer and mathematical sciences						
Male	21,900	2,700	8,400	10,000	800	32,000
Female	15,900	1,300	4,900	8,800	900	28,000
Life and related sciences						
Male	24,100	9,200	4,200	9,500	1,200	23,500
Female	23,500	8,600	3,500	9,400	1,900	22,000
Physical and related sciences						
Male	11,200	4,400	2,900	3,500	300	26,000
Female	5,000	1,700	1,700	1,400	300	25,000
Social and related sciences						
Male	62,000	14,700	3,800	40,400	3,100	23,000
Female	84,200	19,100	5,400	54,200	5,600	21,000
Total engineering						
Male	51,600	7,300	31,500	9,900	2,800	35,000
Female	9,000	1,000	6,400	1,200	400	36,000
Aerospace and related engineering						
Male	3,000	600	1,100	1,000	200	30,000
Female	500	100	300	S	S	34,400
Chemical engineering						
Male	2,100	400	1,500	200	S	41,000
Female	1,200	300	800	S	S	42,000
Civil and architectural engineering						
Male	6,100	600	4,500	800	200	32,000
Female	1,100	S	900	100	S	32,500
Electrical, electronic, computer and communications engineering						
Male	19,600	3,300	11,200	3,500	1,500	35,000
Female	2,600	100	1,900	400	200	37,000
Industrial engineering						
Male	2,600	200	1,700	700	S	35,000
Female	1,100	S	700	200	S	33,000
Mechanical engineering						
Male	11,500	1,300	7,700	2,000	400	36,000
Female	1,500	200	1,100	200	S	38,000
Other engineering						
Male	6,800	900	3,900	1,700	400	32,000
Female	1,100	100	700	200	S	36,000

1/ The definitions of "employed in science and engineering" and "employed in other occupations" were revised substantially for the 1993 Data are not comparable to previous years survey results.

2/ Salary for self-employed persons and for full-time students is not included in data presented in tables.

KEY: S = Data are suppressed for reasons of respondent confidentiality and/or data reliability. For salary data, the unweighted cell size is le

NOTE: Details may not add to totals because of rounding.

SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993.

Table S-3. Number of 1991 science and engineering bachelor's degree recipients, by primary status, median salary, race/ethnicity, and field of degree: April 1993

Major field	Total recipients	Primary status				Median salary for full-time employed 2/
		Full-time student	Employed in science and engineering 1/	Employed in other occupation 1/	Not employed or full-time student	
All science and engineering fields	308,500	69,900	72,800	148,400	17,500	$25,300
Total science						
White, non-Hispanic	201,900	48,700	27,900	114,000	11,300	23,400
Black, non-Hispanic	16,500	4,300	2,100	9,100	1,100	23,000
Hispanic	13,000	3,400	1,900	7,000	700	23,000
Asian or Pacific Islander	15,500	5,000	2,900	6,500	1,000	26,000
American Indian/Alaskan Native	1,000	100	100	600	100	24,000
Computer and mathematical sciences						
White, non-Hispanic	26,400	3,000	9,400	13,100	900	31,000
Black, non-Hispanic	4,100	400	1,200	2,100	400	23,000
Hispanic	2,500	100	1,100	1,100	200	32,500
Asian or Pacific Islander	4,400	400	1,500	2,400	100	30,000
American Indian/Alaskan Native	300	S	100	S	100	S
Life and related sciences						
White, non-Hispanic	38,300	13,200	6,400	16,200	2,500	22,500
Black, non-Hispanic	2,900	1,800	400	500	200	S
Hispanic	2,200	800	400	1,000	S	S
Asian or Pacific Islander	4,200	2,100	600	1,200	300	S
American Indian/Alaskan Native	S	S	S	S	S	S
Physical and related sciences						
White, non-Hispanic	13,400	5,000	4,000	3,900	400	26,000
Black, non-Hispanic	900	300	200	300	S	S
Hispanic	600	100	100	300	S	25,000
Asian or Pacific Islander	1,400	700	300	400	S	26,800
American Indian/Alaskan Native	S	S	S	S	S	S
Social and related sciences						
White, non-Hispanic	123,700	27,500	8,100	80,700	7,400	22,000
Black, non-Hispanic	8,700	1,800	300	6,100	500	23,000
Hispanic	7,800	2,400	300	4,600	400	21,200
Asian or Pacific Islander	5,400	1,900	500	2,500	500	23,500
American Indian/Alaskan Native	700	100	S	600	S	S
Total engineering						
White, non-Hispanic	46,000	5,600	29,700	8,600	2,000	35,000
Black, non-Hispanic	3,600	500	2,000	900	300	36,000
Hispanic	3,400	400	2,500	400	100	36,000
Asian or Pacific Islander	7,700	1,800	3,700	1,300	800	33,000
American Indian/Alaskan Native	S	S	S	S	S	S

1/ The definitions of "employed in science and engineering" and "employed in other occupations" were revised substantially for the 1993 surve
Data are not comparable to previous years survey results.

2/ Salary for self-employed persons and for full-time students is not included in data presented in tables.

KEY: S = Data are suppressed for reasons of respondent confidentiality and/or data reliability. For salary data, the unweighted cell size is less th

NOTE: Details may not add to totals because of rounding.

SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993.

Table S-4. Number of 1992 science and engineering bachelor's degree recipients, by primary status, median salary, and field of degree: April 1993

Major field	Total recipients	Primary status				Median salary for full-time employed 2/
		Full-time students	Employed in science and engineering 1/	Employed in other occupation 1/	Not employed or full-time student	
All science and engineering fields	330,900	71,800	65,700	173,400	19,800	$23,000
Major type						
Total science	273,100	62,600	32,600	160,600	17,300	21,000
Total engineering	57,700	9,300	33,100	12,800	2,500	32,000
Major field						
Computer and mathematical sciences, total	39,800	4,900	11,900	20,700	2,300	26,500
Computer science and information sciences	25,700	1,400	10,600	12,300	1,500	30,000
Mathematics and related sciences	14,100	3,500	1,300	8,500	800	21,500
Life and related sciences, total	52,100	18,400	6,200	24,300	3,200	19,500
Agricultural and food sciences	4,900	1,000	800	2,800	300	21,000
Biological sciences	43,300	16,700	4,600	19,500	2,500	19,500
Environmental life sciences including forestry sciences	3,900	700	900	2,000	300	18,200
Physical and related sciences, total	17,500	7,200	4,900	4,800	600	25,000
Chemistry, except biochemistry	8,600	3,700	2,700	2,000	200	27,000
Earth sciences, geology, and oceanography	3,800	1,100	1,300	1,300	100	21,900
Physics and astronomy	4,700	2,200	900	1,300	300	25,000
Other physical sciences	500	100	S	300	S	S
Social and related sciences, total	163,700	32,100	9,500	110,800	11,300	20,000
Economics	23,700	4,000	1,400	17,100	1,200	23,500
Political science and related sciences	41,800	8,000	2,000	28,400	3,500	20,800
Psychology	61,100	13,600	5,300	37,400	4,700	18,000
Sociology and anthropology	24,900	4,600	S	18,700	1,600	20,400
Other social sciences	12,200	1,900	800	9,300	300	22,000
Engineering, total	57,700	9,300	33,100	12,800	2,500	32,000
Aerospace and related engineering	3,800	900	1,200	1,600	200	27,000
Chemical engineering	3,400	400	2,400	400	200	38,600
Civil and architectural engineering	8,400	1,200	5,400	1,300	400	30,000
Electrical, electronic, computer and communications engineering	19,700	3,200	11,700	3,800	1,100	34,000
Industrial engineering	4,000	300	2,100	1,400	100	32,000
Mechanical engineering	12,200	1,900	7,500	2,600	300	32,000
Other engineering	6,200	1,400	2,800	1,700	300	33,000

1/ The definition of "employed in science and engineering" and "employed in other occupations" was revised substantially for the 1993 survey. Data are therefore not comparable to previous year's survey results.

2/ Salary for self-employed persons and for full-time students is not included in data presented in table.

KEY: S = Data are suppressed for reasons of respondent confidentiality and/or data reliability. For salary data the unweighted cell size is less than 20.

NOTE: Details may not add to totals because of rounding.

SOURCE National Science Foundation/SRS, National Survey of Recent College Graduates, 1993.

Table S-5. Number of 1992 science and engineering bachelor's degree recipients, by primary status, median salary, sex, and field of degree: April 1993

Major field	Total recipients	Primary status				Median salary for full-time employed 2/
		Full-time student	Employed in science and engineering 1/	Employed in other occupation 1/	Not employed or full-time student	
All science and engineering fields	330,900	71,800	65,700	173,400	19,800	$23,000
Total science						
Male	133,800	30,300	19,200	76,300	8,000	23,000
Female	139,400	32,200	13,400	84,300	9,300	20,000
Computer and mathematical sciences						
Male	23,700	2,800	7,600	12,000	1,200	29,000
Female	16,100	2,100	4,300	8,800	1,000	25,000
Life and related sciences						
Male	27,000	10,400	3,200	12,000	1,300	20,300
Female	25,100	8,000	3,100	12,300	1,800	19,200
Physical and related sciences						
Male	12,000	5,100	3,300	3,300	400	25,000
Female	5,500	2,100	1,700	1,500	200	25,000
Social and related sciences						
Male	71,100	12,000	5,100	49,000	5,000	21,600
Female	92,600	20,100	4,400	61,800	6,300	19,000
Total engineering						
Male	50,200	8,200	27,800	11,800	2,300	32,000
Female	7,600	1,100	5,300	1,000	200	32,800
Aerospace and related engineering						
Male	3,500	800	1,000	1,600	200	27,600
Female	300	S	200	S	S	S
Chemical engineering						
Male	2,200	300	1,500	300	100	38,000
Female	1,200	200	900	100	S	40,000
Civil and architectural engineering						
Male	7,100	1,100	4,300	1,200	400	30,000
Female	1,300	100	1,100	S	S	30,000
Electrical, electronic, computer and communications engineering						
Male	17,900	3,000	10,300	3,600	1,100	33,600
Female	1,800	200	1,400	200	S	S
Industrial engineering						
Male	3,000	200	1,400	1,200	100	32,000
Female	1,000	S	700	200	S	32,000
Mechanical engineering						
Male	11,200	1,700	6,900	2,400	200	32,000
Female	1,000	200	600	200	S	S
Other engineering						
Male	5,300	1,100	2,500	1,600	200	33,500
Female	900	300	400	100	100	32,000

1/ The definitions of "employed in science and engineering" and "employed in other occupations" were revised substantially for the 1993 survey. Data are not comparable to previous years survey results.

2/ Salary for self-employed persons and for full-time students is not included in data presented in tables.

KEY: S = Data are suppressed for reasons of respondent confidentiality and/or data reliability. For salary data, the unweighted cell size is less thar

NOTE: Details may not add to totals because of rounding.

SOURCE National Science Foundation/SRS, National Survey of Recent College Graduates, 1993.

Table S-6. Number of 1992 science and engineering bachelor's degree recipients, by primary status, median salary, race/ethnicity, and field of degree: April 1993

Major field	Total recipients	Primary status				Median salary for full-time employed 2/
		Full-time student	Employed in science and engineering 1/	Employed in other occupation 1/	Not employed or full-time student	
All science and engineering fields	330,900	71,800	65,700	173,400	19,800	$22,600
Total science						
White, non-Hispanic	221,900	48,300	25,400	133,600	14,700	20,800
Black, non-Hispanic	21,300	4,600	3,100	12,800	800	20,000
Hispanic	11,100	3,500	1,600	5,400	700	21,700
Asian or Pacific Islander	18,100	6,100	2,500	8,300	1,100	24,000
American Indian/Alaskan Native	700	S	100	500	S	S
Computer and mathematical sciences						
White, non-Hispanic	29,400	3,900	7,900	16,000	1,600	26,400
Black, non-Hispanic	4,100	300	1,500	2,300	100	25,500
Hispanic	1,600	200	700	700	100	S
Asian or Pacific Islander	4,500	500	1,800	1,700	400	28,500
American Indian/Alaskan Native	100	S	100	S	S	S
Life and related sciences						
White, non-Hispanic	41,100	12,200	5,200	20,900	2,800	19,700
Black, non-Hispanic	3,300	1,600	300	1,200	200	S
Hispanic	2,300	1,500	400	400	S	S
Asian or Pacific Islander	5,200	3,100	300	1,600	200	S
American Indian/Alaskan Native	200	S	S	200	S	S
Physical and related sciences						
White, non-Hispanic	14,800	5,800	4,400	4,200	400	25,000
Black, non-Hispanic	800	300	300	200	S	S
Hispanic	700	300	100	200	S	S
Asian or Pacific Islander	1,200	800	S	200	S	S
American Indian/Alaskan Native	S	S	S	S	S	S
Social and related sciences						
White, non-Hispanic	136,600	26,400	7,900	92,400	9,900	20,000
Black, non-Hispanic	13,000	2,500	1,000	9,100	500	20,000
Hispanic	6,500	1,500	300	4,200	500	20,000
Asian or Pacific Islander	7,200	1,700	300	4,800	400	22,000
American Indian/Alaskan Native	300	S	S	300	S	S
Total engineering						
White, non-Hispanic	44,900	7,100	26,300	9,800	1,700	32,000
Black, non-Hispanic	2,600	300	1,500	800	S	32,000
Hispanic	2,600	300	1,900	300	S	32,000
Asian or Pacific Islander	7,300	1,600	3,300	1,800	700	34,000
American Indian/Alaskan Native	200	S	100	S	S	S

1/ The definitions of "employed in science and engineering" and "employed in other occupations" were revised substantially for the 199 Data are not comparable to previous years survey results.

2/ Salary for self-employed persons and for full-time students is not included in data presented in tables.

KEY: S = Data are suppressed for reasons of respondent confidentiality and/or data reliability. For salary data, the unweighted cell size is

NOTE: Details may not add to totals because of rounding.

SOURCE National Science Foundation/SRS, National Survey of Recent College Graduates, 1993.

Table S-7. Number of 1991 science and engineering master's degree recipients, by primary status, median salary, and field of degree: April 1993

Major field	Total recipients	Full-time students	Primary status			Median salary for full-time employed 2/
			Employed in science and engineering 1/	Employed in other occupation 1/	Not employed or full-time student	
All science and engineering fields	57,000	11,900	28,800	13,800	2,500	$39,000
Major type						
Total science	36,900	9,000	14,700	11,400	1,800	33,800
Total engineering	20,100	3,000	14,000	2,400	700	42,900
Major field						
Computer and mathematical sciences, total	13,000	2,000	6,300	4,200	400	40,000
Computer science and information sciences	8,700	900	4,700	2,700	300	42,000
Mathematics and related sciences	4,300	1,000	1,600	1,500	100	34,600
Life and related sciences, total	6,900	1,900	2,300	2,200	500	29,000
Agricultural and food sciences	1,100	200	500	300	S	30,000
Biological sciences	5,300	1,600	1,600	1,700	400	28,000
Environmental life sciences including forestry sciences	500	S	200	200	S	34,000
Physical and related sciences, total	5,200	1,800	2,700	500	100	34,000
Chemistry, except biochemistry	1,500	500	800	200	S	33,000
Earth sciences, geology, and oceanography	1,900	300	1,300	200	S	36,000
Physics and astronomy	1,600	900	500	100	S	35,000
Other physical sciences	100	S	S	S	S	S
Social and related sciences, total	11,800	3,300	3,300	4,400	700	28,000
Economics	1,700	400	500	600	200	31,200
Political science and related sciences	1,500	400	200	600	200	35,000
Psychology	5,100	1,500	1,800	1,500	200	26,400
Sociology and anthropology	1,700	600	400	600	S	25,000
Other social sciences	1,900	300	400	1,100	S	30,000
Engineering, total	20,100	3,000	14,000	2,400	700	42,900
Aerospace and related engineering	1,000	200	600	100	S	40,000
Chemical engineering	700	200	400	S	S	44,000
Civil and architectural engineering	2,600	300	2,000	100	100	38,800
Electrical, electronic, computer and communications engineering	8,100	900	5,700	1,100	300	44,000
Industrial engineering	1,200	200	800	200	S	42,500
Mechanical engineering	3,100	400	2,400	200	S	42,000
Other engineering	3,500	600	2,200	600	S	43,000

1/ The definition of "employed in science and engineering" and "employed in other occupations" was revised substantially for the 1993 survey. Data are not comparable to previous years survey results.

2/ Salary for self-employed persons and for full-time students is not included in data presented in tables.

KEY: S = Data are suppressed for reasons of respondent confidentiality and/or data reliability. For salary data, the unweighted cell size is less than 20.

NOTE: Details may not add to totals because of rounding.

SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993.

Table S-8. Number of 1991 science and engineering master's degree recipients, by primary status, median salary, sex, and field of degree: April 1993

Major field	Total recipients	Primary status				Median salary for full-time employed 2/
		Full-time student	Employed in science and engineering 1/	Employed in other occupation 1/	Not employed or full-time student	
All science and engineering fields	57,000	11,900	28,800	13,800	2,500	$39,000
Total science						
Male	21,600	5,300	9,000	6,500	700	35,000
Female	15,300	3,600	5,700	4,800	1,100	30,000
Computer and mathematical sciences						
Male	8,800	1,300	4,300	2,900	200	40,000
Female	4,200	600	2,000	1,300	200	37,600
Life and related sciences						
Male	3,500	1,000	1,300	1,100	200	29,000
Female	3,400	900	1,000	1,100	300	29,000
Physical and related sciences						
Male	3,800	1,300	2,000	400	S	35,000
Female	1,500	500	800	100	S	31,000
Social and related sciences						
Male	5,500	1,700	1,400	2,100	200	29,500
Female	6,300	1,600	1,900	2,300	500	26,400
Total engineering						
Male	17,200	2,500	12,000	2,200	400	44,000
Female	3,000	400	2,000	300	300	44,400
Aerospace and related engineering						
Male	900	200	500	100	S	41,000
Female	S	S	S	S	S	S
Chemical engineering						
Male	600	200	300	S	S	46,000
Female	100	S	S	S	S	S
Civil and architectural engineering						
Male	1,900	300	1,400	100	S	41,100
Female	600	S	500	S	S	41,400
Electrical, electronic, computer and communications engineering						
Male	7,100	700	5,200	1,000	200	45,000
Female	1,000	200	600	S	100	S
Industrial engineering						
Male	1,000	100	700	100	S	44,300
Female	300	S	200	S	S	44,000
Mechanical engineering						
Male	2,800	400	2,100	200	S	42,000
Female	300	S	300	S	S	S
Other engineering						
Male	2,900	500	1,800	500	S	44,000
Female	600	100	300	100	S	43,000

1/ The definitions of "employed in science and engineering" and "employed in other occupations" were revised substantially for the 1993 sur Data are not comparable to previous years survey results.

2/ Salary for self-employed persons and for full-time students is not included in data presented in tables.

KEY: S = Data are suppressed for reasons of respondent confidentiality and/or data reliability. For salary data, the unweighted cell size is less

NOTE: Details may not add to totals because of rounding.

SOURCE National Science Foundation/SRS, National Survey of Recent College Graduates, 1993.

Table S-9. Number of 1991 science and engineering master's degree recipients, by primary status, median salary, race/ethnicity, and field of degree: April 1993

Major field	Total recipients	Primary status				Median salary for full-time employed 2/
		Full-time student	Employed in science and engineering 1/	Employed in other occupation 1/	Not employed or full-time student	
All science and engineering fields	57,000	11,900	28,800	13,800	2,500	$39,000
Total science						
White, non-Hispanic	28,100	6,100	11,500	9,400	1,100	33,000
Black, non-Hispanic	1,800	300	600	700	300	35,000
Hispanic	1,300	500	400	300	100	30,000
Asian or Pacific Islander	5,500	2,000	2,200	900	300	36,000
American Indian/Alaskan Native	200	S	S	S	S	S
Computer and mathematical sciences						
White, non-Hispanic	9,100	1,200	4,300	3,300	300	40,000
Black, non-Hispanic	900	S	400	300	100	S
Hispanic	300	S	200	S	S	S
Asian or Pacific Islander	2,800	700	1,500	500	S	39,000
American Indian/Alaskan Native	S	S	S	S	S	S
Life and related sciences						
White, non-Hispanic	5,600	1,400	2,100	1,900	300	29,000
Black, non-Hispanic	200	S	S	S	S	S
Hispanic	300	100	S	S	S	S
Asian or Pacific Islander	800	200	200	200	100	S
American Indian/Alaskan Native	S	S	S	S	S	S
Physical and related sciences						
White, non-Hispanic	3,900	1,100	2,200	500	S	35,000
Black, non-Hispanic	100	S	S	S	S	S
Hispanic	200	100	S	S	S	S
Asian or Pacific Islander	1,000	500	400	S	S	31,000
American Indian/Alaskan Native	S	S	S	S	S	S
Social and related sciences						
White, non-Hispanic	9,500	2,400	2,900	3,700	500	28,000
Black, non-Hispanic	500	S	S	300	S	S
Hispanic	600	200	100	200	S	S
Asian or Pacific Islander	1,000	600	200	100	100	S
American Indian/Alaskan Native	100	S	S	S	S	S
Total engineering						
White, non-Hispanic	13,100	1,700	9,300	1,900	300	45,000
Black, non-Hispanic	700	100	500	100	S	52,000
Hispanic	700	S	600	S	S	46,000
Asian or Pacific Islander	5,600	1,100	3,600	400	400	41,000
American Indian/Alaskan Native	S	S	S	S	S	S

1/ The definitions of "employed in science and engineering" and "employed in other occupations" were revised substantially for the 1993 sur
Data are not comparable to previous years survey results.

2/ Salary for self-employed persons and for full-time students is not included in data presented in tables.

KEY: S = Data are suppressed for reasons of respondent confidentiality and/or data reliability. For salary data the unweighted cell size is less t

NOTE: Details may not add to totals because of rounding.

SOURCE National Science Foundation/SRS, National Survey of Recent College Graduates, 1993.

Table S-10. Number of 1992 science and engineering master's degree recipients, by primary status, median salary, and field of degree: April 1993

Major field	Total recipients	Full-time students	Primary status			Median salary for full-time employed 2/
			Employed in science and engineering 1/	Employed in other occupation 1/	Not employed or full-time student	
All science and engineering fields	58,600	14,800	26,400	14,300	3,200	$37,500
Major type						
Total science	37,700	10,800	12,600	12,100	2,300	33,800
Total engineering	20,900	4,000	13,700	2,200	900	41,600
Major field						
Computer and mathematical sciences, total	11,100	1,800	5,100	3,300	800	40,000
Computer science and information sciences	7,100	700	3,600	2,300	500	42,000
Mathematics and related sciences	3,900	1,100	1,500	1,000	300	35,000
Life and related sciences, total	6,300	1,900	2,200	1,900	300	29,500
Agricultural and food sciences	900	300	300	300	S	30,000
Biological sciences	4,800	1,600	1,600	1,500	200	28,000
Environmental life sciences including forestry sciences	500	S	400	100	S	33,700
Physical and related sciences, total	5,400	2,200	2,200	800	200	35,000
Chemistry, except biochemistry	1,500	500	700	200	S	34,000
Earth sciences, geology, and oceanography	S	S	S	S	S	39,000
Physics and astronomy	2,100	1,300	600	200	S	35,000
Other physical sciences	200	S	100	S	S	S
Social and related sciences, total	14,900	4,800	3,200	6,000	900	28,000
Economics	2,100	700	500	700	200	31,200
Political science and related sciences	3,200	700	500	1,800	100	34,700
Psychology	6,400	2,300	1,500	2,200	300	26,500
Sociology and anthropology	1,800	800	400	500	100	22,700
Other social sciences	1,400	300	200	900	100	S
Engineering, total	20,900	4,000	13,700	2,200	900	41,600
Aerospace and related engineering	1,000	300	500	100	S	41,000
Chemical engineering	900	300	500	S	S	42,000
Civil and architectural engineering	2,400	400	1,700	200	100	36,000
Electrical, electronic, computer and communications engineering	7,600	1,400	5,400	500	300	43,000
Industrial engineering	1,400	200	800	300	S	40,000
Mechanical engineering	3,300	700	2,200	200	200	41,000
Other engineering	4,400	800	2,600	800	200	42,000

1/ The definition of "employed in science and engineering" and "employed in other occupations" was revised substantially for the 1993 survey. Data are not comparable to previous years survey results.

2/ Salary for self-employed persons and for full-time students is not included in data presented in tables.

KEY: S = Data are suppressed for reasons of respondent confidentiality and/or data reliability. For salary data, the unweighted cell size is less than 20.

NOTE: Details may not add to totals because of rounding.

SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993.

Table S-11. Number of 1992 science and engineering master's degree recipients, by primary status, median salary, sex, and field of degree: April 1993

Major field	Total recipients	Primary status				Median salary for full-time employed 2/
		Full-time student	Employed in science and engineering 1/	Employed in other occupation 1/	Not employed or full-time student	
All science and engineering fields	58,600	14,800	26,400	14,300	3,200	$37,500
Total science						
Male	20,400	5,800	7,100	6,300	1,100	36,000
Female	17,400	5,000	5,500	5,700	1,100	30,000
Computer and mathematical sciences						
Male	7,400	1,300	3,500	2,200	400	40,000
Female	3,700	600	1,600	1,100	400	38,000
Life and related sciences						
Male	3,100	1,200	1,100	700	S	30,000
Female	3,200	700	1,100	1,200	200	28,900
Physical and related sciences						
Male	3,900	1,600	1,500	600	200	36,000
Female	1,600	600	700	300	S	34,000
Social and related sciences						
Male	6,000	1,700	1,100	2,800	500	31,200
Female	8,900	3,200	2,000	3,200	400	26,500
Total engineering						
Male	17,600	3,500	11,600	1,900	700	42,000
Female	3,300	500	2,200	300	300	40,000
Aerospace and related engineering						
Male	900	300	400	100	S	40,000
Female	S	S	S	S	S	S
Chemical engineering						
Male	800	200	500	S	S	42,000
Female	200	S	S	S	S	S
Civil and architectural engineering						
Male	1,900	300	1,400	100	S	36,000
Female	500	S	300	S	S	S
Electrical, electronic, computer and communications engineering						
Male	6,700	1,300	4,800	400	200	43,000
Female	900	S	600	100	S	S
Industrial engineering						
Male	1,000	100	600	300	S	40,000
Female	300	S	200	S	S	37,100
Mechanical engineering						
Male	3,000	700	2,000	200	200	40,000
Female	300	S	300	S	S	S
Other engineering						
Male	3,300	500	2,000	700	100	43,800
Female	1,100	200	600	100	S	39,000

1/ The definitions of "employed in science and engineering" and "employed in other occupations" were revised substantially for the 1993 surv
Data are not comparable to previous years survey results.

2/ Salary for self-employed persons and for full-time students is not included in data presented in tables.

KEY: S = Data are suppressed for reasons of respondent confidentiality and/or data reliability. For salary data, the unweighted cell size is less t

NOTE: Details may not add to totals because of rounding.

SOURCE National Science Foundation/SRS, National Survey of Recent College Graduates, 1993.

Table S-12. Number of 1992 science and engineering master's degree recipients, by primary status, median salary, race/ethnicity, and field of degree: April 1993

Major field	Total recipients	Primary status				Median salary for full-time employed 2/
		Full-time student	Employed in science and engineering 1/	Employed in other occupation 1/	Not employed or full-time student	
All science and engineering fields	58,600	14,800	26,400	14,300	3,200	$37,500
Total science						
White, non-Hispanic	27,800	7,400	9,400	9,300	1,600	33,800
Black, non-Hispanic	1,700	500	400	700	100	30,000
Hispanic	1,100	300	400	300	S	26,000
Asian or Pacific Islander	7,000	2,600	2,300	1,700	400	35,000
American Indian/Alaskan Native	100	S	S	S	S	S
Computer and mathematical sciences						
White, non-Hispanic	6,900	900	3,500	1,900	600	40,000
Black, non-Hispanic	400	S	S	200	S	S
Hispanic	200	100	S	S	S	S
Asian or Pacific Islander	3,600	700	1,400	1,200	200	36,000
American Indian/Alaskan Native	S	S	S	S	S	S
Life and related sciences						
White, non-Hispanic	4,800	1,400	1,600	1,600	200	29,000
Black, non-Hispanic	300	S	S	200	S	S
Hispanic	200	S	S	S	S	S
Asian or Pacific Islander	1,000	400	400	100	S	S
American Indian/Alaskan Native	S	S	S	S	S	S
Physical and related sciences						
White, non-Hispanic	3,800	1,300	1,700	700	200	37,000
Black, non-Hispanic	200	S	S	S	S	S
Hispanic	100	S	S	S	S	S
Asian or Pacific Islander	1,300	800	400	S	S	32,000
American Indian/Alaskan Native	S	S	S	S	S	S
Social and related sciences						
White, non-Hispanic	12,200	3,800	2,600	5,200	700	28,600
Black, non-Hispanic	800	300	200	300	100	S
Hispanic	600	200	200	300	S	S
Asian or Pacific Islander	1,200	700	200	300	S	S
American Indian/Alaskan Native	S	S	S	S	S	S
Total engineering						
White, non-Hispanic	13,700	2,000	9,600	1,600	400	43,000
Black, non-Hispanic	400	100	100	S	100	S
Hispanic	700	200	300	100	S	40,000
Asian or Pacific Islander	6,100	1,600	3,600	400	400	38,000
American Indian/Alaskan Native	S	S	S	S	S	S

1/ The definitions of "employed in science and engineering" and "employed in other occupations" were revised substantially for the 1993 surve
Data are not comparable to previous years survey results.

2/ Salary for self-employed persons and for full-time students is not included in data presented in tables.

KEY: S = Data are suppressed for reasons of respondent confidentiality and/or data reliability. For salary data, the unweighted cell size is less th

NOTE: Details may not add to totals because of rounding.

SOURCE National Science Foundation/SRS, National Survey of Recent College Graduates, 1993.

Table B-1. Number of 1991 science and engineering bachelor's degree recipients, by sex, race/ethnicity, and field of degree: April 1993

Major field	Total recipients	Sex		Race/ethnicity				
		Male	Female	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian or Pacific Islander	American Indian/ Alaskan Native
All science and engineering fields	308,500	170,900	137,600	247,800	20,200	16,400	23,100	1,000
Major type								
Total science	247,900	119,300	128,600	201,900	16,500	13,000	15,500	1,000
Total engineering	60,600	51,600	9,000	46,000	3,600	3,400	7,700	S
Major field								
Computer and mathematical sciences, total	37,800	21,900	15,900	26,400	4,100	2,500	4,400	300
Computer science and information sciences	24,500	15,000	9,500	15,300	3,300	2,100	3,700	200
Mathematics and related sciences	13,200	6,900	6,400	11,200	800	400	800	S
Life and related sciences, total	47,600	24,100	23,500	38,300	2,900	2,200	4,200	S
Agricultural and food sciences	4,200	2,400	1,800	3,800	S	200	100	S
Biological sciences	40,000	19,800	20,300	31,400	2,800	1,800	4,100	S
Environmental life sciences including forestry sciences	3,400	1,900	1,400	3,200	S	S	S	S
Physical and related sciences, total	16,200	11,200	5,000	13,400	900	600	1,400	S
Chemistry, except biochemistry	7,300	4,400	2,900	5,500	600	400	900	S
Earth sciences, geology, and oceanography	3,800	2,600	1,200	3,500	S	S	100	S
Physics and astronomy	4,400	3,700	700	3,700	200	100	400	S
Other physical sciences	800	500	200	600	S	S	S	S
Social and related sciences, total	146,300	62,000	84,200	123,700	8,700	7,800	5,400	700
Economics	22,800	15,000	7,800	19,200	1,300	800	1,400	100
Political science and related sciences	32,800	18,900	13,900	27,900	1,800	2,200	900	S
Psychology	54,600	16,400	38,200	46,000	3,000	2,900	2,400	300
Sociology and anthropology	22,400	6,000	16,400	18,500	1,800	1,100	700	300
Other social sciences	13,700	5,700	8,000	12,100	800	800	S	S
Engineering, total	60,600	51,600	9,000	46,000	3,600	3,400	7,700	S
Aerospace and related engineering	3,500	3,000	500	3,100	100	100	200	S
Chemical engineering	3,300	2,100	1,200	2,700	300	200	200	S
Civil and architectural engineering	7,200	6,100	1,100	5,900	200	400	600	S
Electrical, electronic, computer and communications engineering	22,100	19,600	2,600	15,000	1,300	1,300	4,500	S
Industrial engineering	3,700	2,600	1,100	2,900	300	200	300	S
Mechanical engineering	12,900	11,500	1,500	10,700	500	600	1,100	S
Other engineering	7,900	6,800	1,100	5,700	1,000	500	700	S

KEY: S = Data values below 100 are suppressed for reasons of respondent confidentiality and/or data reliability.

NOTE: Details may not add to totals because of rounding.

SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-2. Number of 1991 science and engineering bachelor's degree recipients, by race/ethnicity, by sex, and field of degree: April 1993

Major field	Race/ethnicity									
	White, non-Hispanic		Black, non-Hispanic		Hispanic		Asian or Pacific Islander		American Indian/ Alaskan Native	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
All science and engineering fields	139,900	107,900	8,500	11,700	8,200	8,200	13,700	9,400	600	400
Major type										
Total science	100,200	101,700	6,000	10,500	5,500	7,600	7,100	8,400	600	400
Total engineering	39,700	6,200	2,500	1,200	2,800	600	6,600	1,000	S	S
Major field										
Computer and mathematical sciences, total	16,100	10,400	1,800	2,400	1,500	900	2,400	2,100	200	100
Computer science and information sciences	10,300	5,000	1,400	1,900	1,300	800	2,000	1,700	100	100
Mathematics and related sciences	5,800	5,400	400	400	300	100	400	400	S	S
Life and related sciences, total	20,100	18,300	1,000	1,800	800	1,400	2,200	2,000	S	S
Agricultural and food sciences	2,200	1,600	S	S	200	S	S	S	S	S
Biological sciences	16,000	15,400	1,000	1,800	600	1,300	2,200	1,900	S	S
Environmental life sciences including forestry sciences	1,900	1,300	S	S	S	S	S	S	S	S
Physical and related sciences, total	9,400	4,000	600	300	500	200	800	600	S	S
Chemistry, except biochemistry	3,400	2,100	300	200	200	100	400	400	S	S
Earth sciences, geology, and oceanography	2,400	1,100	S	S	S	S	S	S	S	S
Physics and astronomy	3,100	600	200	S	S	S	300	S	S	S
Other physical sciences	400	200	S	S	S	S	S	S	S	S
Social and related sciences, total	54,700	69,100	2,600	6,100	2,700	5,100	1,700	3,700	400	300
Economics	13,200	6,000	600	700	500	300	600	800	100	S
Political science and related sciences	16,200	11,700	1,000	800	1,200	1,000	500	400	S	S
Psychology	14,400	31,600	500	2,500	600	2,300	600	1,800	200	200
Sociology and anthropology	5,400	13,100	400	1,300	S	1,100	S	700	100	100
Other social sciences	5,400	6,700	S	800	300	500	S	S	S	S
Engineering, total	39,700	6,200	2,500	1,200	2,800	600	6,600	1,000	S	S
Aerospace and related engineering	2,600	400	S	S	S	S	200	S	S	S
Chemical engineering	1,800	800	S	200	100	S	S	100	S	S
Civil and architectural engineering	5,200	800	S	S	300	S	500	200	S	S
Electrical, electronic, computer and communications engineering	13,500	1,500	800	400	1,200	S	4,000	500	S	S
Industrial engineering	2,100	800	200	100	100	100	200	S	S	S
Mechanical engineering	9,600	1,100	300	100	500	100	1,000	200	S	S
Other engineering	4,900	800	800	200	400	S	700	S	S	S

KEY: S = Data values below 100 are suppressed for reasons of respondent confidentiality and/or data reliability.

NOTE: Details may not add to totals because of rounding.

SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-3. Number of 1991 science and engineering bachelor's degree recipients, by age and field of degree: April 1993

Major field	Total recipients	Age				
		Less than 25	25-29	30-34	35-39	40 or more
All science and engineering fields	308,500	172,000	94,700	20,100	10,400	11,300
Major type						
Total science	247,900	144,600	70,300	14,400	8,000	10,600
Total engineering	60,600	27,300	24,400	5,800	2,400	700
Major field						
Computer and mathematical sciences, total	37,800	17,600	12,400	4,000	1,900	1,900
Computer science and information sciences	24,500	9,000	9,300	3,300	1,500	1,400
Mathematics and related sciences	13,200	8,600	3,000	700	400	500
Life and related sciences, total	47,600	29,800	13,400	2,500	900	1,000
Agricultural and food sciences	4,200	2,400	1,200	500	100	S
Biological sciences	40,000	25,500	11,300	1,800	600	900
Environmental life sciences including forestry sciences	3,400	1,900	900	300	200	S
Physical and related sciences, total	16,200	9,500	4,800	1,300	400	300
Chemistry, except biochemistry	7,300	4,700	1,600	700	100	S
Earth sciences, geology, and oceanography	3,810	1,680	1,500	400	100	100
Physics and astronomy	4,410	2,840	1,270	200	S	S
Other physical sciences	800	300	400	S	S	S
Social and related sciences, total	146,300	87,700	39,800	6,500	4,800	7,400
Economics	22,800	14,500	6,000	1,500	300	400
Political science and related sciences	32,800	23,200	7,500	700	1,000	500
Psychology	54,600	32,300	15,000	2,600	1,800	2,900
Sociology and anthropology	22,400	13,100	6,300	700	300	1,900
Other social sciences	13,700	4,600	5,000	1,000	1,400	1,700
Engineering, total	60,600	27,300	24,400	5,800	2,400	700
Aerospace and related engineering	3,500	1,900	1,400	100	S	S
Chemical engineering	3,300	1,900	1,300	100	S	S
Civil and architectural engineering	7,200	2,600	3,500	800	200	S
Electrical, electronic, computer and communications engineering	22,100	8,700	9,100	3,000	1,000	200
Industrial engineering	3,700	1,500	1,900	200	S	100
Mechanical engineering	12,900	6,400	4,900	1,000	400	200
Other engineering	7,900	4,400	2,200	600	600	S

KEY: S = Data values below 100 are suppressed for reasons of respondent confidentiality and/or data reliability.
NOTE: Details may not add to totals because of rounding.
SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-4. Number of 1991 science and engineering bachelor's degree recipients residing in the United States who are U.S. citizens, foreign born, and number who attended a foreign high school, by field of degree: April 1993

Major field	Total recipients	U.S. citizens	Foreign born	Attended foreign high school
All science and engineering fields	308,500	294,900	36,300	12,200
Major type				
Total science	247,900	338,900	24,900	7,500
Total engineering	60,600	55,900	11,400	4,800
Major field				
Computer and mathematical sciences, total	37,800	34,600	7,100	3,800
Computer science and information sciences	24,500	22,000	5,700	3,200
Mathematics and related sciences	13,200	12,600	1,400	700
Life and related sciences, total	47,600	45,400	5,900	1,800
Agricultural and food sciences	4,200	4,200	100	200
Biological sciences	40,000	37,800	5,700	1,600
Environmental life sciences including forestry sciences	3,400	3,400	S	S
Physical and related sciences, total	16,200	15,700	1,600	500
Chemistry, except biochemistry	7,300	7,000	900	300
Earth sciences, geology, and oceanography	3,800	3,800	100	S
Physics and astronomy	4,400	4,200	500	200
Other physical sciences	800	800	S	S
Social and related sciences, total	146,300	143,300	10,300	1,300
Economics	22,800	21,900	2,200	400
Political science and related sciences	32,800	32,300	2,100	400
Psychology	54,600	53,400	4,100	400
Sociology and anthropology	22,400	22,100	1,300	S
Other social sciences	13,700	13,600	700	200
Engineering, total	60,600	55,900	11,400	4,800
Aerospace and related engineering	3,500	3,400	500	200
Chemical engineering	3,300	3,300	300	100
Civil and architectural engineering	7,200	6,800	1,000	500
Electrical, electronic, computer and communications engineering	22,100	19,500	6,300	2,700
Industrial engineering	3,700	3,500	300	200
Mechanical engineering	12,900	12,300	1,800	600
Other engineering	7,900	7,200	1,300	500

KEY: S = Data values below 100 are suppressed for reasons of respondent confidentiality and/or data reliability.

NOTE: Details may not add to totals because of rounding.

SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-5. Number of 1991 science and engineering bachelor's degree recipients residing in the United States who are native-born or naturalized U.S. citizens, and number who are permanent or temporary residents, by field of degree: April 1993

Major field	Total recipients	U.S. citizen		Non-U.S. citizen	
		Native born	Naturalized	Permanent resident	Temporary resident/ other
All science and engineering fields	308,500	275,400	19,400	8,900	4,700
Major type					
Total science	247,900	225,400	13,500	6,400	2,600
Total engineering	60,600	50,000	5,900	2,500	2,200
Major field					
Computer and mathematical sciences, total	37,800	31,200	3,300	1,900	1,300
Computer science and information sciences	24,500	19,300	2,700	1,600	1,000
Mathematics and related sciences	13,200	11,900	700	400	300
Life and related sciences, total	47,600	42,000	3,400	1,600	600
Agricultural and food sciences	4,200	4,100	S	S	S
Biological sciences	40,000	34,500	3,300	1,600	600
Environmental life sciences including forestry sciences	3,400	3,400	S	S	S
Physical and related sciences, total	16,200	14,800	1,000	300	200
Chemistry, except biochemistry	7,300	6,400	600	200	S
Earth sciences, geology, and oceanography	3,800	3,700	S	S	S
Physics and astronomy	4,400	4,000	200	100	100
Other physical sciences	800	700	S	S	S
Social and related sciences, total	146,300	137,400	5,800	2,600	400
Economics	22,800	20,800	1,100	800	100
Political science and related sciences	32,800	31,000	1,300	300	200
Psychology	54,600	51,200	2,200	1,100	S
Sociology and anthropology	22,400	21,400	700	200	100
Other social sciences	13,700	13,100	500	200	S
Engineering, total	60,600	50,000	5,900	2,500	2,200
Aerospace and related engineering	3,500	3,100	300	S	S
Chemical engineering	3,300	3,100	200	S	S
Civil and architectural engineering	7,200	6,300	500	100	200
Electrical, electronic, computer and communications engineering	22,100	16,200	3,400	1,400	1,200
Industrial engineering	3,700	3,400	200	100	S
Mechanical engineering	12,900	11,300	1,000	400	200
Other engineering	7,900	6,700	500	400	300

KEY: S = Data values below 100 are suppressed for reasons of respondent confidentiality and/or data reliability.
NOTE: Details may not add to totals because of rounding.
SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-6. Number of 1991 science and engineering bachelor's degree recipients who received financial support from various sources for 1991 bachelor's degree, by field of degree: April 1993

Major field	Total recip-ients	Sources of support							
		Earnings from employ-ment	Gifts from parents/ relatives	Scholar-ships, grants, fellow-ships	Loans from college, bank, govern-ment	Assistant-ships, work study	Employee assis-tance	Loans from parents or relatives	Other sources
All science and engineering fields	308,500	223,100	223,400	157,600	137,600	75,400	23,300	27,800	5,700
Major type									
Total science	247,900	176,700	181,500	122,800	110,400	61,500	15,500	19,800	4,500
Total engineering	60,600	46,300	41,900	34,800	27,200	13,900	7,700	7,900	1,100
Major field									
Computer and mathematical sciences, total	37,800	27,200	24,100	20,900	19,500	10,100	4,000	3,400	600
Computer science and information sciences	24,500	18,200	14,600	12,900	13,000	6,200	3,000	2,200	500
Mathematics and related sciences	13,200	9,000	9,500	8,000	6,600	3,800	1,000	1,200	100
Life and related sciences, total	47,600	35,600	35,400	27,600	21,500	12,900	2,100	4,400	600
Agricultural and food sciences	4,200	3,500	2,800	2,600	1,900	1,300	300	300	200
Biological sciences	40,000	29,400	30,300	23,200	18,100	10,700	1,600	3,900	200
Environmental life sciences including forestry sciences	3,400	2,700	2,300	1,800	1,500	1,000	200	200	200
Physical and related sciences, total	16,200	11,800	12,000	10,500	7,900	6,100	1,300	1,200	400
Chemistry, except biochemistry	7,300	5,200	5,600	4,800	3,400	2,500	800	400	200
Earth sciences, geology, and oceanography	3,800	2,800	2,600	2,300	2,100	1,400	200	300	S
Physics and astronomy	4,400	3,200	3,400	3,000	2,100	1,900	300	500	100
Other physical sciences	800	500	500	500	300	300	S	S	S
Social and related sciences, total	146,300	102,000	110,000	63,700	61,400	32,400	8,100	10,900	3,000
Economics	22,800	17,200	18,100	10,600	10,500	5,200	1,600	2,300	300
Political science and related sciences	32,800	24,000	26,300	14,800	14,000	7,700	1,300	3,500	1,100
Psychology	54,600	35,400	40,000	22,100	21,300	10,600	2,600	3,100	1,100
Sociology and anthropology	22,400	15,000	16,800	10,400	9,300	5,800	1,200	1,300	400
Other social sciences	13,700	10,400	8,800	5,800	6,300	3,000	1,400	600	S
Engineering, total	60,600	46,300	41,900	34,800	27,200	13,900	7,700	7,900	1,100
Aerospace and related engineering	3,500	2,700	2,500	2,100	1,600	800	600	500	S
Chemical engineering	3,300	2,700	2,400	2,500	1,600	1,100	100	500	S
Civil and architectural engineering	7,200	5,700	4,800	4,100	3,500	1,400	400	800	200
Electrical, electronic, computer and communications engineering	22,100	16,800	14,700	11,900	10,900	5,000	3,400	3,100	300
Industrial engineering	3,700	2,700	2,900	1,800	1,600	800	300	200	S
Mechanical engineering	12,900	9,900	8,600	7,600	4,900	2,700	1,700	2,200	300
Other engineering	7,900	5,900	5,900	4,800	3,200	2,100	1,200	700	200

KEY: S = Data values below 100 are suppressed for reasons of respondent confidentiality and/or data reliability.

NOTE: Respondents may have multiple sources of support. Therefore, column entries will not add to "Total recipents."

SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-7. Number of 1991 science and engineering bachelor's degree recipients who have taken additional courses since most recent degree and enrollment status on April 15, 1993, by field of degree: April 1993

Major field	Total recipients	Have taken additional courses since most recent degree 1/	April 15, 1993 status		
			Full-time student	Part-time student	Not student
All science and engineering fields	308,500	129,000	69,900	28,800	209,900
Major type					
Total science	247,900	108,600	61,600	22,900	163,400
Total engineering	60,600	20,500	8,300	5,900	46,500
Major field					
Computer and mathematical sciences, total	37,800	12,100	4,000	3,900	29,900
Computer science and information sciences	24,500	5,700	1,600	2,300	20,700
Mathematics and related sciences	13,200	6,400	2,400	1,600	9,200
Life and related sciences, total	47,600	27,400	17,800	4,000	25,700
Agricultural and food sciences	4,200	1,200	800	200	3,300
Biological sciences	40,000	25,100	16,600	3,700	19,700
Environmental life sciences including forestry sciences	3,400	1,100	400	200	2,700
Physical and related sciences, total	16,200	9,000	6,000	1,200	9,000
Chemistry, except biochemistry	7,300	4,000	2,900	300	4,000
Earth sciences, geology, and oceanography	3,800	1,800	900	300	2,600
Physics and astronomy	4,400	2,700	2,100	500	1,800
Other physical sciences	800	400	100	100	500
Social and related sciences, total	146,300	60,100	33,800	13,700	98,800
Economics	22,800	7,200	2,900	1,700	18,200
Political science and related sciences	32,800	16,500	10,300	3,300	19,100
Psychology	54,600	22,200	14,800	5,800	34,100
Sociology and anthropology	22,400	9,500	3,400	2,300	16,600
Other social sciences	13,700	4,800	2,400	500	10,900
Engineering, total	60,600	20,500	8,300	5,900	46,500
Aerospace and related engineering	3,500	1,400	800	300	2,400
Chemical engineering	3,300	1,200	600	300	2,400
Civil and architectural engineering	7,200	1,900	600	600	5,900
Electrical, electronic, computer and communications engineering	22,100	9,000	3,500	2,500	16,100
Industrial engineering	3,700	1,200	200	500	3,000
Mechanical engineering	12,900	3,300	1,500	1,000	10,400
Other engineering	7,900	2,400	1,000	700	6,200

1/ Excludes those receiving a degree between April 15 and date of interview (May - November 1993)

KEY: S = Data values below 100 are suppressed for reasons of respondent confidentiality and/or data reliability.

NOTE: Details may not add to totals because of rounding.

SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-8. Number of 1991 science and engineering bachelor's degree recipients who have not taken courses since most recent degree, and likelihood they will take additional courses, by field of degree: April 1993

Major field	Total number not taking courses since most recent degree 1/	Likelihood will take classes		
		Very likely	Somewhat likely	Very unlikely
All science and engineering fields	158,800	111,700	36,100	10,700
Major type				
Total science	122,100	89,000	25,500	7,600
Total engineering	36,400	22,700	10,600	3,100
Major field				
Computer and mathematical sciences, total	24,200	17,400	5,200	1,600
Computer science and information sciences	18,200	13,300	3,600	1,300
Mathematics and related sciences	5,900	4,000	1,600	300
Life and related sciences, total	17,900	12,800	3,800	1,300
Agricultural and food sciences	2,800	1,300	900	600
Biological sciences	13,000	10,200	2,300	500
Environmental life sciences including forestry sciences	2,000	1,300	600	100
Physical and related sciences, total	6,100	4,400	1,300	400
Chemistry, except biochemistry	2,800	1,900	700	200
Earth sciences, geology, and oceanography	1,800	1,200	400	100
Physics and astronomy	1,300	1,100	200	S
Other physical sciences	300	200	S	S
Social and related sciences, total	73,900	54,400	15,200	4,300
Economics	14,900	10,900	3,300	600
Political science and related sciences	13,700	10,500	2,900	300
Psychology	24,500	19,200	4,400	1,000
Sociology and anthropology	12,200	7,800	3,100	1,300
Other social sciences	8,700	6,100	1,500	1,100
Engineering, total	36,400	22,700	10,600	3,100
Aerospace and related engineering	1,900	1,000	800	100
Chemical engineering	2,000	1,400	500	100
Civil and architectural engineering	4,900	2,600	1,800	500
Electrical, electronic, computer and communications engineering	11,900	7,700	3,300	800
Industrial engineering	2,300	1,600	700	S
Mechanical engineering	8,600	5,300	2,400	900
Other engineering	5,000	3,200	1,200	600

1/ Excludes those receiving a degree between April 15 and date of interview (May-November 1993)

KEY: S = Data values below 100 are suppressed for reasons of respondent confidentiality and/or data reliability.

NOTE: Details may not add to totals because of rounding.

SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-9. Number of 1991 science and engineering bachelor's degree recipients who have taken courses since most recent degree, and type of degree sought, by field of degree: April 1993

Major field	Total recipients	Have taken additional courses since most recent degree 1/	Types of degree sought				
			No specific degree	Ph.D. degree	Prof degree	MA degree	Other or BA degree
All science and engineering fields	308,500	129,000	30,400	12,200	22,600	53,600	10,400
Major type							
Total science	247,900	108,600	24,500	11,300	21,800	41,000	9,800
Total engineering	60,600	20,500	5,800	800	700	12,500	500
Major field							
Computer and mathematical sciences, total	37,800	12,100	3,600	900	400	5,800	1,300
Computer science and information sciences	24,500	5,700	2,000	S	100	2,900	700
Mathematics and related sciences	13,200	6,400	1,700	900	300	2,900	600
Life and related sciences, total	47,600	27,400	5,700	4,000	9,300	6,300	2,000
Agricultural and food sciences	4,200	1,200	200	200	200	600	S
Biological sciences	40,000	25,100	4,900	3,800	9,100	5,400	1,900
Environmental life sciences including forestry sciences	3,400	1,100	500	S	S	300	S
Physical and related sciences, total	16,200	9,000	1,600	2,700	1,300	3,000	300
Chemistry, except biochemistry	7,300	4,000	600	1,400	1,000	900	100
Earth sciences, geology, and oceanography	3,800	1,800	500	100	S	1,000	100
Physics and astronomy	4,400	2,700	400	1,200	100	1,000	S
Other physical sciences	800	400	100	S	S	200	S
Social and related sciences, total	146,300	60,100	13,600	3,600	10,900	25,900	6,200
Economics	22,800	7,200	2,700	100	1,900	1,900	500
Political science and related sciences	32,800	16,500	2,600	600	5,700	5,800	1,800
Psychology	54,600	22,200	4,200	2,600	1,600	11,800	2,000
Sociology and anthropology	22,400	9,500	2,800	300	1,100	3,800	1,400
Other social sciences	13,700	4,800	1,300	S	500	2,500	500
Engineering, total	60,600	20,500	5,800	800	700	12,500	500
Aerospace and related engineering	3,500	1,400	300	200	S	900	S
Chemical engineering	3,300	1,200	200	200	200	600	S
Civil and architectural engineering	7,200	1,900	500	S	S	1,300	S
Electrical, electronic, computer and communications engineering	22,100	9,000	2,500	100	S	6,100	300
Industrial engineering	3,700	1,200	600	S	S	500	S
Mechanical engineering	12,900	3,300	800	200	S	2,300	S
Other engineering	7,900	2,400	1,000	100	300	800	100

1/ Excludes those receiving a degree between April 15 and the date of interview (May-November 1993)

KEY: S = Data values below 100 are suppressed for reasons of respondent confidentiality and/or data reliability.

NOTE: Details may not add to totals because of rounding.

SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-10. Number of 1991 science and engineering bachelor's degree recipients who are employed, employed full time, employed part time, and number who have a second job, by field of degree: April 1993

Major field	Total recipients	Employed	Employed full time	Employed part time	Having a second job
All science and engineering fields	308,500	260,700	214,800	45,900	35,600
Major type					
Total science	247,900	205,700	165,800	39,900	31,800
Total engineering	60,600	55,000	49,000	6,000	3,800
Major field					
Computer and mathematical sciences, total	37,800	34,700	31,200	3,500	4,400
Computer science and information sciences	24,500	23,000	21,600	1,400	2,300
Mathematics and related sciences	13,200	11,700	9,500	2,100	2,100
Life and related sciences, total	47,600	33,400	27,100	6,300	5,600
Agricultural and food sciences	4,200	3,800	3,100	600	700
Biological sciences	40,000	26,800	21,400	5,300	4,500
Environmental life sciences including forestry sciences	3,400	2,800	2,500	300	400
Physical and related sciences, total	16,200	13,700	10,200	3,500	1,200
Chemistry, except biochemistry	7,300	5,800	4,800	1,000	400
Earth sciences, geology, and oceanography	3,800	3,300	2,500	800	300
Physics and astronomy	4,400	3,800	2,200	1,600	400
Other physical sciences	800	700	600	100	S
Social and related sciences, total	146,300	124,000	97,400	26,600	20,500
Economics	22,800	20,100	17,900	2,200	2,000
Political science and related sciences	32,800	25,300	18,900	6,300	3,800
Psychology	54,600	46,700	35,000	11,700	9,400
Sociology and anthropology	22,400	19,500	15,900	3,600	3,700
Other social sciences	13,700	12,400	9,700	2,700	1,600
Engineering, total	60,600	55,000	49,000	6,000	3,800
Aerospace and related engineering	3,500	3,100	2,500	600	600
Chemical engineering	3,300	2,900	2,700	200	100
Civil and architectural engineering	7,200	6,800	6,200	600	500
Electrical, electronic, computer and communications engineering	22,100	19,600	17,200	2,400	1,500
Industrial engineering	3,700	3,500	3,300	200	S
Mechanical engineering	12,900	12,000	11,000	1,100	900
Other engineering	7,900	7,100	6,200	900	200

KEY: S = Data values below 100 are suppressed for reasons of respondent confidentiality and/or data reliability.
NOTE: Details may not add to totals because of rounding.
SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-11. Number of 1991 science and engineering bachelor's degree recipients who are employed, unemployed, and not in the labor force, by field of degree: April 1993

Major field	Total recipients	Employed	Unemployed 1/	Not in labor force
All science and engineering fields	308,500	260,700	15,900	31,900
Major type				
Total science	247,900	205,700	12,600	29,700
Total engineering	60,600	55,000	3,400	2,200
Major field				
Computer and mathematical sciences, total	37,800	34,700	1,700	1,500
Computer science and information sciences	24,500	23,000	1,200	400
Mathematics and related sciences	13,200	11,700	500	1,100
Life and related sciences, total	47,600	33,400	1,900	12,300
Agricultural and food sciences	4,200	3,800	S	400
Biological sciences	40,000	26,800	1,800	11,500
Environmental life sciences including forestry sciences	3,400	2,800	100	400
Physical and related sciences, total	16,200	13,700	500	2,100
Chemistry, except biochemistry	7,300	5,800	100	1,300
Earth sciences, geology, and oceanography	3,800	3,300	200	300
Physics and astronomy	4,400	3,800	200	400
Other physical sciences	800	700	S	S
Social and related sciences, total	146,300	124,000	8,500	13,800
Economics	22,800	20,100	800	1,800
Political science and related sciences	32,800	25,300	3,000	4,400
Psychology	54,600	46,700	2,700	5,200
Sociology and anthropology	22,400	19,500	900	2,000
Other social sciences	13,700	12,400	1,000	300
Engineering, total	60,600	55,000	3,400	2,200
Aerospace and related engineering	3,500	3,100	300	100
Chemical engineering	3,300	2,900	200	200
Civil and architectural engineering	7,200	6,800	200	200
Electrical, electronic, computer and communications engineering	22,100	19,600	1,700	900
Industrial engineering	3,700	3,500	S	100
Mechanical engineering	12,900	12,000	500	400
Other engineering	7,900	7,100	400	300

1/ The unemployed are those who were not working on April 15 and who were seeking work or who were on layoff from a job.

KEY: S = Data values below 100 are suppressed for reasons of respondent confidentiality and/or data reliability.

NOTE: Details may not add to totals because of rounding.

SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-12. Number of 1991 science and engineering bachelor's degree recipients who are not full-time students and number of non-full-time students who are not in the labor force, in the labor force, employed, and unemployed, by field of degree: April 1993

Major field	Not full-time students				
				In labor force	
	Total number	Not in labor force	In labor force	Employed	Unemployed 1/
All science and engineering fields	238,700	7,700	230,900	221,200	9,700
Major type					
Total science	186,300	7,300	179,000	172,000	7,000
Total engineering	52,400	500	51,900	49,100	2,700
Major field					
Computer and mathematical sciences, total	33,800	400	33,400	32,100	1,300
Computer science and information sciences	23,000	S	23,000	21,800	1,200
Mathematics and related sciences	10,800	400	10,400	10,200	100
Life and related sciences, total	29,800	1,900	27,900	26,700	1,200
Agricultural and food sciences	3,500	100	3,400	3,300	S
Biological sciences	23,400	1,500	21,900	20,800	1,100
Environmental life sciences including forestry sciences	2,900	300	2,600	2,600	S
Physical and related sciences, total	10,200	300	9,800	9,600	300
Chemistry, except biochemistry	4,400	200	4,200	4,200	S
Earth sciences, geology, and oceanography	2,900	100	2,800	2,600	100
Physics and astronomy	2,300	S	2,200	2,100	S
Other physical sciences	700	S	700	600	S
Social and related sciences, total	112,500	4,600	107,900	103,700	4,200
Economics	19,900	500	19,300	18,900	400
Political science and related sciences	22,500	1,000	21,500	20,500	1,000
Psychology	39,900	1,600	38,200	36,800	1,400
Sociology and anthropology	19,000	1,100	17,800	17,300	500
Other social sciences	11,400	300	11,000	10,200	800
Engineering, total	52,400	500	51,900	49,100	2,700
Aerospace and related engineering	2,700	S	2,700	2,400	200
Chemical engineering	2,700	S	2,700	2,600	S
Civil and architectural engineering	6,500	S	6,500	6,300	100
Electrical, electronic, computer and communications engineering	18,700	200	18,400	16,900	1,500
Industrial engineering	3,500	S	3,400	3,400	S
Mechanical engineering	11,400	S	11,400	11,000	400
Other engineering	6,900	S	6,900	6,500	400

1/ The unemployed are those who were not working on April 15 and who were seeking work or who were on layoff from a job.

KEY: S = Data values below 100 are suppressed for reasons of respondent confidentiality and/or data reliability.

NOTE: Details may not add to totals because of rounding.

SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-13. Number of 1991 science and engineering bachelor's degree recipients who are not working and reasons for not working, by field of degree: April 1993

Major field	Total recip-ients	Total not working	Reasons for not working					
			Student	Suitable job not available	Family respon-sibilities	On layoff	Not need/ want to work	Other
All science and engineering fields	308,500	47,800	30,400	7,700	4,000	2,200	2,200	4,200
Major type								
Total science	247,900	42,200	27,800	6,100	3,800	1,200	1,900	3,700
Total engineering	60,600	5,600	2,600	1,600	100	1,000	300	500
Major field								
Computer and mathematical sciences, total	37,800	3,100	1,200	1,100	300	200	300	400
Computer science and information sciences	24,500	1,600	400	900	S	200	S	200
Mathematics and related sciences	13,200	1,600	800	200	300	S	300	200
Life and related sciences, total	47,600	14,300	11,500	1,400	1,000	S	300	800
Agricultural and food sciences	4,200	500	300	S	S	S	S	S
Biological sciences	40,000	13,200	11,000	1,200	800	S	200	600
Environmental life sciences including forestry sciences	3,400	500	200	100	100	S	100	S
Physical and related sciences, total	16,200	2,600	2,100	300	200	100	S	200
Chemistry, except biochemistry	7,300	1,400	1,200	S	S	S	S	S
Earth sciences, geology, and oceanography	3,800	500	300	100	S	S	S	S
Physics and astronomy	4,400	600	500	100	S	S	S	S
Other physical sciences	800	S	S	S	S	S	S	S
Social and related sciences, total	146,300	22,300	13,100	3,400	2,400	900	1,200	2,400
Economics	22,800	2,700	1,800	100	200	200	100	400
Political science and related sciences	32,800	7,500	5,400	1,300	600	200	300	500
Psychology	54,600	7,900	4,500	1,000	800	300	500	800
Sociology and anthropology	22,400	2,900	1,200	500	600	S	100	300
Other social sciences	13,700	1,300	200	500	200	200	200	300
Engineering, total	60,600	5,600	2,600	1,600	100	1,000	300	500
Aerospace and related engineering	3,500	400	200	100	S	S	S	S
Chemical engineering	3,300	400	300	S	S	S	S	S
Civil and architectural engineering	7,200	400	200	100	S	S	S	S
Electrical, electronic, computer and communications engineering	22,100	2,600	900	1,000	S	600	200	200
Industrial engineering	3,700	200	100	S	S	S	S	S
Mechanical engineering	12,900	900	500	200	S	100	S	100
Other engineering	7,900	700	500	200	S	S	S	S

KEY: S = Data values below 100 are suppressed for reasons of respondent confidentiality and/or data reliability.
NOTE: Respondents may indicate more than one reason for not working. Details may not add to totals because of rounding.
SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-14. Number of employed 1991 science and engineering bachelor's degree recipients, by occupation and field of degree: April 1993

Major field	Total employed	Occupation					
		Computer and mathematical scientists	Life and related scientists	Physical scientists	Social and related scientists	Engineers	Other fields 1/
All science and engineering fields	260,700	20,700	9,400	9,700	10,500	41,500	169,000
Major type							
Total science	205,700	17,100	9,300	9,200	10,400	3,000	156,600
Total engineering	55,000	3,600	100	500	S	38,500	12,400
Major field							
Computer and mathematical sciences, total	34,700	13,600	S	200	S	800	20,000
Computer science and information sciences	23,000	11,200	S	200	S	600	11,000
Mathematics and related sciences	11,700	2,400	S	S	S	300	8,900
Life and related sciences, total	33,400	500	8,000	2,500	S	400	21,800
Agricultural and food sciences	3,800	S	1,000	S	S	S	2,600
Biological sciences	26,800	300	6,900	1,800	S	300	17,500
Environmental life sciences including forestry sciences	2,800	100	200	800	S	S	1,700
Physical and related sciences, total	13,700	400	600	6,200	100	800	5,600
Chemistry, except biochemistry	5,800	S	400	3,100	S	200	2,100
Earth sciences, geology, and oceanography	3,300	S	S	1,500	S	200	1,600
Physics and astronomy	3,800	300	S	1,500	S	400	1,400
Other physical sciences	700	S	S	100	S	S	500
Social and related sciences, total	124,000	2,600	700	300	10,200	900	109,300
Economics	20,100	1,100	200	100	800	100	17,800
Political science and related sciences	25,300	600	S	S	1,200	300	23,200
Psychology	46,700	800	300	S	6,100	300	39,200
Sociology and anthropology	19,500	S	S	S	1,900	S	17,500
Other social sciences	12,400	S	200	200	300	200	11,700
Engineering, total	55,000	3,600	100	500	S	38,500	12,400
Aerospace and related engineering	3,100	200	S	S	S	1,600	1,200
Chemical engineering	2,900	S	S	S	S	2,500	300
Civil and architectural engineering	6,800	S	S	100	S	5,600	1,000
Electrical, electronic, computer and communications engineering	19,600	2,800	S	S	S	12,200	4,400
Industrial engineering	3,500	200	S	S	S	2,300	1,000
Mechanical engineering	12,000	S	S	S	S	9,500	2,400
Other engineering	7,100	200	S	S	S	4,800	2,100

1/ This broad category includes the following occupations: managers and related occupations; health and related occupations; educators other than S&E postsecondary; social services and related occupations; technicians, including computer programmers; sales and marketing occupations; and all other occupations.

KEY: S = Data values below 100 are suppressed for reasons of respondent confidentiality and/or data reliability.

NOTE: Details may not add to totals because of rounding.

SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-15. Number of employed 1991 science and engineering bachelor's degree recipients who have a job for which license or certification is required or recommended, and number of these that have license or certificate, by sex and field of degree: April 1993

Major field	Total employed	Number for whom license or certificate required or recommended			Number for whom license or certificate required or recommended who have license or certificate		
		Total	Male	Female	Total	Male	Female
All science and engineering fields	260,700	86,500	46,900	39,700	38,200	20,400	17,800
Major type							
Total science	205,700	66,000	30,000	36,100	32,100	15,000	17,100
Total engineering	55,000	20,500	16,900	3,600	6,100	5,300	700
Major field							
Computer and mathematical sciences, total	34,700	8,700	5,000	3,700	4,800	2,700	2,100
Computer science and information sciences	23,000	3,700	2,300	1,300	1,700	1,200	500
Mathematics and related sciences	11,700	5,100	2,700	2,400	3,100	1,500	1,600
Life and related sciences, total	33,400	12,400	6,300	6,100	5,900	2,700	3,200
Agricultural and food sciences	3,800	1,400	800	600	700	500	200
Biological sciences	26,800	10,300	5,000	5,300	4,800	2,000	2,800
Environmental life sciences including forestry sciences	2,800	800	500	300	400	200	100
Physical and related sciences, total	13,700	3,800	2,600	1,200	2,000	1,400	700
Chemistry, except biochemistry	5,800	1,100	600	500	800	400	400
Earth sciences, geology, and oceanography	3,300	1,500	1,100	400	700	600	100
Physics and astronomy	3,800	700	600	100	300	300	S
Other physical sciences	700	400	200	200	300	100	100
Social and related sciences, total	124,000	41,100	16,200	25,000	19,400	8,200	11,200
Economics	20,100	5,200	3,500	1,700	3,200	2,100	1,100
Political science and related sciences	25,300	9,200	5,500	3,700	3,300	1,900	1,300
Psychology	46,700	16,400	3,900	12,400	7,400	2,100	5,300
Sociology and anthropology	19,500	5,300	1,500	3,900	2,900	800	2,100
Other social sciences	12,400	5,000	1,800	3,200	2,600	1,300	1,300
Engineering, total	55,000	20,500	16,900	3,600	6,100	5,300	700
Aerospace and related engineering	3,100	1,000	800	100	500	500	S
Chemical engineering	2,900	900	700	300	300	300	S
Civil and architectural engineering	6,800	5,400	4,500	900	1,500	1,200	300
Electrical, electronic, computer and communications engineering	19,600	5,200	4,300	900	1,700	1,400	300
Industrial engineering	3,500	1,000	700	300	300	200	S
Mechanical engineering	12,000	4,300	3,800	600	1,200	1,200	S
Other engineering	7,100	2,700	2,200	600	600	600	S

KEY: S = Data values below 100 are suppressed for reasons of respondent confidentiality and/or data reliability.

NOTE: Details may not add to totals because of rounding.

SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-16. Number of 1991 science and engineering bachelor's degree recipients who have had a career path job since being awarded most recent degree, and number not having career path job who are seeking one, by sex and field of degree: April 1993

Major field	Total recipients	Number having a career path job			Number not having career path job	Number of those not having a career path job who are seeking a career path job		
		Total	Male	Female		Total	Male	Female
All science and engineering fields	308,500	157,900	90,800	67,200	150,600	82,300	43,600	38,700
Major type								
Total science	247,900	117,200	57,000	60,200	130,700	68,700	31,200	37,500
Total engineering	60,600	40,800	33,800	7,000	19,900	13,600	12,400	1,200
Major field								
Computer and mathematical sciences, total	37,800	22,600	13,700	8,900	15,200	10,600	5,800	4,800
Computer science and information sciences	24,500	16,500	10,800	5,800	8,000	6,600	3,600	3,100
Mathematics and related sciences	13,200	6,000	2,900	3,100	7,200	4,000	2,200	1,700
Life and related sciences, total	47,600	22,300	11,000	11,400	25,300	9,100	4,500	4,600
Agricultural and food sciences	4,200	2,500	1,400	1,100	1,800	900	500	400
Biological sciences	40,000	17,900	8,400	9,500	22,100	7,600	3,600	3,900
Environmental life sciences including forestry sciences	3,400	2,000	1,200	800	1,400	600	400	300
Physical and related sciences, total	16,200	7,800	5,300	2,500	8,400	3,000	2,100	900
Chemistry, except biochemistry	7,300	3,800	2,300	1,500	3,500	1,100	700	400
Earth sciences, geology, and oceanography	3,800	2,000	1,400	700	1,800	700	500	200
Physics and astronomy	4,400	1,600	1,400	200	2,800	1,000	800	200
Other physical sciences	800	400	300	S	400	300	200	100
Social and related sciences, total	146,300	64,500	27,100	37,400	81,800	46,000	18,800	27,200
Economics	22,800	11,200	7,800	3,400	11,500	7,100	4,400	2,700
Political science and related sciences	32,800	12,000	7,000	5,000	20,700	8,600	4,800	3,800
Psychology	54,600	25,600	7,600	18,000	29,000	18,600	5,500	13,100
Sociology and anthropology	22,400	10,300	2,800	7,500	12,100	6,200	1,600	4,600
Other social sciences	13,700	5,300	1,800	3,500	8,400	5,500	2,500	3,000
Engineering, total	60,600	40,800	33,800	7,000	19,900	13,600	12,400	1,200
Aerospace and related engineering	3,500	1,900	1,500	300	1,600	1,100	1,100	S
Chemical engineering	3,300	2,400	1,500	900	1,000	400	300	100
Civil and architectural engineering	7,200	5,600	4,700	900	1,500	1,000	900	S
Electrical, electronic, computer and communications engineering	22,100	14,400	12,400	2,000	7,700	5,400	5,000	500
Industrial engineering	3,700	2,400	1,700	800	1,300	1,000	800	200
Mechanical engineering	12,900	9,400	8,200	1,200	3,500	2,300	2,200	100
Other engineering	7,900	4,700	3,800	900	3,200	2,300	2,200	100

KEY: S = Data values below 100 are suppressed for reasons of respondent confidentiality and/or data reliability.

NOTE: Details may not add to totals because of rounding.

SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-17. Number of employed 1991 science and engineering bachelor's degree recipients having job closely, somewhat, and not related to degree, by field of degree: April 1993

Major field	Total employed	Relationship of degree to job		
		Closely related	Somewhat related	Not related
All science and engineering fields	260,700	113,500	82,400	64,800
Major type				
Total science	205,700	83,500	63,500	58,700
Total engineering	55,000	30,000	18,900	6,100
Major field				
Computer and mathematical sciences, total	34,700	20,300	8,100	6,300
Computer science and information sciences	23,000	14,900	4,800	3,300
Mathematics and related sciences	11,700	5,400	3,300	3,000
Life and related sciences, total	33,400	17,000	9,900	6,500
Agricultural and food sciences	3,800	2,400	1,000	400
Biological sciences	26,800	13,000	8,200	5,600
Environmental life sciences including forestry sciences	2,800	1,500	700	600
Physical and related sciences, total	13,700	8,000	3,100	2,500
Chemistry, except biochemistry	5,800	4,000	1,100	800
Earth sciences, geology, and oceanography	3,300	1,400	900	1,000
Physics and astronomy	3,800	2,200	1,000	600
Other physical sciences	700	500	S	100
Social and related sciences, total	124,000	38,200	42,500	43,300
Economics	20,100	4,900	9,000	6,200
Political science and related sciences	25,300	5,900	7,800	11,500
Psychology	46,700	18,800	14,300	13,600
Sociology and anthropology	19,500	5,300	7,700	6,400
Other social sciences	12,400	3,300	3,700	5,500
Engineering, total	55,000	30,000	18,900	6,100
Aerospace and related engineering	3,100	1,500	900	700
Chemical engineering	2,900	1,800	900	200
Civil and architectural engineering	6,800	4,600	1,600	500
Electrical, electronic, computer and communications engineering	19,600	10,100	7,300	2,200
Industrial engineering	3,500	1,400	1,700	400
Mechanical engineering	12,000	6,400	4,500	1,100
Other engineering	7,100	4,200	2,000	900

KEY: S = Data values below 100 are suppressed for reasons of respondent confidentiality and/or data reliability.
NOTE: Details may not add to totals because of rounding.
SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-18. Number of employed 1991 science and engineering bachelor's degree recipients, by sex, race/ethnicity, and occupation: April 1993

Occupation	Total employed	Sex		Race/ethnicity				
		Male	Female	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian or Pacific Islander	American Indian/ Alaskan Native
All employed science and engineering graduates	260,700	144,800	115,900	212,100	16,500	14,000	17,300	900
Occupation type								
Total scientists	50,300	27,700	22,600	41,400	2,500	2,600	3,500	300
Total engineers	41,500	34,300	7,200	32,300	2,200	2,500	4,400	S
Total other occupations	169,000	82,900	86,100	138,500	11,700	8,900	9,300	600
Occupation								
Computer and mathematical scientists	20,700	14,000	6,700	16,000	1,300	1,200	2,000	100
Life and related scientists	9,400	4,600	4,800	7,700	400	600	800	S
Physical scientists	9,700	6,000	3,700	8,300	500	300	600	S
Social and related scientists	10,500	3,000	7,500	9,400	300	500	200	100
Engineers	41,500	34,300	7,200	32,300	2,200	2,500	4,400	S
Managers and related occupations	30,100	18,700	11,400	24,900	2,700	600	1,400	500
Health and related occupations	8,900	3,700	5,200	7,000	900	600	400	S
Educators other than S&E postsecondary	16,100	6,600	9,400	13,000	1,600	1,000	500	S
Social services and related occupations	14,100	3,800	10,400	9,900	1,700	1,300	1,100	200
Technicians including computer programmers	16,700	9,100	7,600	12,300	800	1,100	2,400	S
Sales and marketing occupations	28,300	15,700	12,600	24,700	1,100	1,100	1,400	S
Other occupations	54,900	25,300	29,600	46,700	3,000	3,000	2,100	S

KEY: S = Data values below 100 are suppressed for reasons of confidentiality and/or data reliability.

NOTE: Details may not add to totals because of rounding.

SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-19. Number of employed 1991 science and engineering bachelor's degree recipients, by age and occupation: April 1993

Occupation	Total employed	Age				
		Less than 25	25-29	30-34	35-39	40 or more
All employed science and engineering graduates	260,700	141,600	82,900	18,100	8,900	9,200
Occupation type						
Total scientists	50,300	28,800	13,800	4,300	1,900	1,500
Total engineers	41,500	18,300	16,100	4,800	1,600	700
Total other occupations	169,000	94,600	53,000	8,900	5,400	7,000
Occupation						
Computer and mathematical scientists	20,700	9,600	6,900	2,300	1,000	900
Life and related scientists	9,400	6,200	2,400	500	200	S
Physical scientists	9,700	5,900	2,400	900	400	S
Social and related scientists	10,500	7,100	2,200	600	200	500
Engineers	41,500	18,300	16,100	4,800	1,600	700
Managers and related occupations	30,100	16,500	7,800	2,300	1,500	1,900
Health and related occupations	8,900	4,500	2,200	600	500	1,000
Educators other than S&E postsecondary	16,100	9,100	4,700	1,100	600	500
Social services and related occupations	14,100	8,600	3,900	600	500	500
Technicians including computer programmers	16,700	8,100	6,700	1,200	500	200
Sales and marketing occupations	28,300	15,800	9,800	1,100	600	1,000
Other occupations	54,900	31,900	17,800	2,000	1,200	1,900

KEY: S = Data values below 100 are suppressed for reasons of confidentiality and/or data reliability.

NOTE: Details may not add to totals because of rounding.

SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-20. Number of employed 1991 science and engineering bachelor's degree recipients, by sector of employment and occupation: April 1993

Occupation	Total employed	Sector of employment						
		Private, for profit company	Self-employed	4-year college and university	Other educational	Nonprofit organizations	Federal government	State or local government
All employed science and engineering graduates	260,700	152,000	6,000	34,300	18,900	19,900	14,100	15,500
Occupation type								
Total scientists	50,300	24,000	300	16,600	800	3,500	2,900	2,200
Total engineers	41,500	31,000	S	4,200	300	400	3,200	2,300
Total other occupations	169,000	97,100	5,600	13,500	17,800	16,000	7,900	11,000
Occupation								
Computer and mathematical scientists	20,700	14,600	200	2,900	300	1,000	1,300	300
Life and related scientists	9,400	2,200	S	4,700	200	700	700	900
Physical scientists	9,700	4,800	S	3,700	S	S	700	400
Social and related scientists	10,500	2,400	S	5,300	200	1,700	200	600
Engineers	41,500	31,000	S	4,200	300	400	3,200	2,300
Managers and related occupations	30,100	20,600	300	1,600	200	2,000	3,500	1,800
Health and related occupations	8,900	3,400	300	1,300	S	2,900	300	600
Educators other than S&E postsecondary	16,100	300	S	1,300	13,500	600	S	400
Social services and related occupations	14,100	2,100	S	1,800	1,700	5,400	S	3,200
Technicians including computer programmers	16,700	11,900	200	2,200	100	400	1,000	900
Sales and marketing occupations	28,300	24,800	2,100	200	100	800	200	S
Other occupations	54,900	34,000	2,700	5,100	2,100	3,900	2,900	4,100

KEY: S = Data values below 100 are suppressed for reasons of confidentiality and/or data reliability.
NOTE: Details may not add to totals because of rounding.
SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-21. Number of employed 1991 science and engineering bachelor's degree recipients, by sector of employment and field of degree: April 1993

Major field	Total employed	Sector of employment						
		Private, for profit company	Self-employed	4-year college and university	Other educational	Nonprofit organizations	Federal government	State or local government
All science and engineering fields	260,700	152,000	6,000	34,300	18,900	19,900	14,100	15,500
Major type								
Total science	205,700	112,100	5,100	28,700	18,200	19,100	9,300	13,000
Total engineering	55,000	39,900	900	5,600	700	800	4,700	2,500
Major field								
Computer and mathematical sciences, total	34,700	22,600	200	3,400	3,500	1,700	2,000	1,100
Computer science and information sciences	23,000	16,500	100	1,600	1,000	1,500	1,500	900
Mathematics and related sciences	11,700	6,200	S	1,800	2,500	200	600	300
Life and related sciences, total	33,400	16,300	700	7,300	3,100	2,300	1,900	1,800
Agricultural and food sciences	3,800	2,300	300	600	100	100	100	200
Biological sciences	26,800	12,500	300	6,500	2,700	2,000	1,700	1,100
Environmental life sciences including forestry sciences	2,800	1,500	S	200	300	200	S	500
Physical and related sciences, total	13,700	6,700	100	4,200	1,200	200	800	400
Chemistry, except biochemistry	5,800	3,500	S	1,600	300	100	S	200
Earth sciences, geology, and oceanography	3,300	1,700	S	600	300	100	400	200
Physics and astronomy	3,800	1,200	S	1,900	300	S	300	S
Other physical sciences	700	200	S	S	300	S	S	S
Social and related sciences, total	124,000	66,500	4,100	13,800	10,500	14,900	4,600	9,700
Economics	20,100	15,700	300	900	900	400	900	900
Political science and related sciences	25,300	15,300	300	2,500	1,600	1,800	1,600	2,100
Psychology	46,700	20,000	1,400	7,200	5,100	7,800	1,300	3,900
Sociology and anthropology	19,500	9,100	1,000	1,900	1,400	4,000	400	1,700
Other social sciences	12,400	6,400	1,000	1,300	1,400	900	300	1,100
Engineering, total	55,000	39,900	900	5,600	700	800	4,700	2,500
Aerospace and related engineering	3,100	1,700	S	500	S	S	700	S
Chemical engineering	2,900	2,300	S	400	S	S	100	S
Civil and architectural engineering	6,800	3,700	S	600	S	S	500	1,800
Electrical, electronic, computer and communications engineering	19,600	14,600	400	2,300	300	300	1,400	400
Industrial engineering	3,500	2,800	S	200	100	S	300	S
Mechanical engineering	12,000	9,900	100	900	200	S	900	S
Other engineering	7,100	4,800	300	800	S	400	700	200

KEY: S = Data values below 100 are suppressed for reasons of respondent confidentiality and/or data reliability.

NOTE: Details may not add to totals because of rounding.

SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-22. Number of employed 1991 science and engineering bachelor's degree recipients, by primary work activity and field of degree: April 1993

Major field	Total employed	Primary work activity				
		Research and development (R&D)	Computer applications	Manage-ment, sales, admini-stration	Teaching	Other
All science and engineering fields	260,700	57,100	37,700	85,600	29,400	51,000
Major type						
Total science	205,700	33,400	27,600	72,600	27,700	44,400
Total engineering	55,000	23,700	10,100	13,000	1,600	6,600
Major field						
Computer and mathematical sciences, total	34,700	4,800	15,700	7,000	4,000	3,200
Computer science and information sciences	23,000	3,500	13,200	3,800	900	1,500
Mathematics and related sciences	11,700	1,300	2,500	3,100	3,100	1,700
Life and related sciences, total	33,400	11,700	2,100	7,600	4,400	7,500
Agricultural and food sciences	3,800	1,000	100	1,500	300	800
Biological sciences	26,800	10,000	1,600	5,200	3,900	5,900
Environmental life sciences including forestry sciences	2,800	600	400	800	200	800
Physical and related sciences, total	13,700	5,200	1,000	2,700	2,500	2,200
Chemistry, except biochemistry	5,800	3,000	S	1,300	700	800
Earth sciences, geology, and oceanography	3,300	900	200	800	500	900
Physics and astronomy	3,800	1,200	700	600	1,000	400
Other physical sciences	700	100	S	S	300	100
Social and related sciences, total	124,000	11,700	8,700	55,300	16,800	31,500
Economics	20,100	1,800	2,000	11,900	1,000	3,600
Political science and related sciences	25,300	2,700	2,100	12,000	2,400	6,100
Psychology	46,700	3,300	3,200	18,200	9,100	12,900
Sociology and anthropology	19,500	2,300	1,300	8,000	2,300	5,600
Other social sciences	12,400	1,600	200	5,200	2,100	3,400
Engineering, total	55,000	23,700	10,100	13,000	1,600	6,600
Aerospace and related engineering	3,100	1,200	400	700	300	400
Chemical engineering	2,900	1,600	300	600	S	400
Civil and architectural engineering	6,800	3,200	900	2,200	100	500
Electrical, electronic, computer and communications engineering	19,600	8,200	6,000	2,400	300	2,700
Industrial engineering	3,500	600	600	1,700	200	400
Mechanical engineering	12,000	6,300	800	3,100	500	1,400
Other engineering	7,100	2,700	1,000	2,400	200	900

KEY: S = Data values below 100 are suppressed for reasons of respondent confidentiality and/or data reliability.

NOTE: Primary work activity is defined as activity in which respondent worked most hours on job in typical work week. Details may not add to totals because of rounding.

SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-23. Number of employed 1991 science and engineering bachelor's degree recipients, by primary work activity and occupation: April 1993

Occupation	Total employed	Primary work activity				
		Research and development (R&D)	Computer applications	Manage-ment, sales, admini-stration	Teaching	Other
All employed science and engineering graduates	260,700	57,100	37,700	85,600	29,400	51,000
Occupation type						
Total scientists	50,300	21,000	13,200	4,100	7,100	4,900
Total engineers	41,500	22,200	5,800	8,900	800	3,700
Total other occupations	169,000	13,900	18,700	72,600	21,400	42,400
Occupation						
Computer and mathematical scientists	20,700	4,900	12,000	1,600	1,500	600
Life and related scientists	9,400	6,300	200	300	1,500	1,000
Physical scientists	9,700	5,400	500	1,300	1,400	1,000
Social and related scientists	10,500	4,400	400	900	2,700	2,200
Engineers	41,500	22,200	5,800	8,900	800	3,700
Managers and related occupations	30,100	1,500	2,400	22,700	300	3,100
Health and related occupations	8,900	900	S	1,100	700	6,100
Educators other than S&E postsecondary	16,100	1,000	100	S	14,500	400
Social services and related occupations	14,100	400	S	3,200	2,800	7,600
Technicians including computer programmers	16,700	5,600	8,500	1,400	S	1,300
Sales and marketing occupations	28,300	900	1,000	23,800	200	2,400
Other occupations	54,900	3,500	6,600	20,300	2,900	21,500

KEY: S = Data values below 100 are suppressed for reasons of respondent confidentiality and/or data reliability.

NOTE: Primary work activity is defined as activity in which respondent worked most hours on job in typical work week. Details may not add to totals because of rounding.

SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-24. Number of employed 1991 science and engineering bachelor's degree recipients whose work is supported by federal government, and agency giving support, by field of degree: April 1993

Major field	Total employed	Number whose work is supported by federal government	Agency supporting work							
			Department of Defense	Department of Education	Department of Energy	EPA	NASA	NIH	NSF	Other
All science and engineering fields	260,700	36,100	8,500	3,500	2,400	2,400	1,800	6,500	3,300	5,200
Major type										
Total science	205,700	27,700	4,600	3,500	1,800	1,800	1,100	6,200	2,600	4,700
Total engineering	55,000	8,400	3,900	S	600	600	700	300	700	500
Major field										
Computer and mathematical sciences, total	34,700	4,500	2,300	400	500	S	600	100	200	200
Computer science and information sciences	23,000	3,800	2,000	200	500	S	600	S	100	200
Mathematics and related sciences	11,700	700	300	100	S	S	S	100	100	S
Life and related sciences, total	33,400	7,000	300	200	500	900	200	4,000	600	1,000
Agricultural and food sciences	3,800	300	S	S	S	S	S	S	S	S
Biological sciences	26,800	5,800	200	200	300	500	200	3,900	600	900
Environmental life sciences including forestry sciences	2,800	800	100	S	100	400	S	S	S	S
Physical and related sciences, total	13,700	3,200	900	200	400	200	200	400	1,100	S
Chemistry, except biochemistry	5,800	1,400	400	100	200	200	S	300	400	S
Earth sciences, geology, and oceanography	3,300	400	100	S	S	S	S	S	100	S
Physics and astronomy	3,800	1,100	300	S	200	S	100	S	600	S
Other physical sciences	700	200	S	S	S	S	S	S	S	S
Social and related sciences, total	124,000	13,000	1,100	2,700	500	600	S	1,700	600	3,400
Economics	20,100	1,000	300	100	100	S	S	S	S	S
Political science and related sciences	25,300	2,300	500	400	S	300	S	S	200	300
Psychology	46,700	6,300	300	1,400	200	200	S	1,300	S	2,300
Sociology and anthropology	19,500	2,600	S	400	S	100	S	300	100	700
Other social sciences	12,400	900	S	500	200	S	S	200	300	S
Engineering, total	55,000	8,400	3,900	S	600	600	700	300	700	500
Aerospace and related engineering	3,100	700	300	S	S	S	300	S	S	S
Chemical engineering	2,900	300	100	S	S	S	S	S	S	S
Civil and architectural engineering	6,800	2,200	300	S	S	300	S	S	200	200
Electrical, electronic, computer and communications engineering	19,600	2,900	1,800	S	200	S	400	S	200	S
Industrial engineering	3,500	200	100	S	S	S	S	S	S	S
Mechanical engineering	12,000	1,200	900	S	100	S	S	S	S	S
Other engineering	7,100	1,000	400	S	S	200	S	S	100	S

KEY: S = Data values below 100 are suppressed for reasons of respondent confidentiality and/or data reliability.

NOTE: Respondent's work may be supported by more than one federal agency. Details may not add to totals because of rounding.

SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-25. Median salary of full-time employed 1991 bachelor's degree recipients, by sex, race/ethnicity, and field of degree: April 1993

Major field	Total	Sex		Race/ethnicity				
		Male	Female	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian or Pacific Islander	American Indian/ Alaskan Native
All science and engineering fields	$25,300	$28,000	$23,000	$25,200	$24,000	$25,800	$30,000	S
Major type								
Total science	23,400	25,000	22,000	23,400	23,000	23,000	26,000	S
Total engineering	35,000	35,000	36,000	35,000	36,000	36,000	33,000	S
Major field								
Computer and mathematical sciences, total	30,000	32,000	28,000	31,000	23,000	32,500	30,000	S
Computer science and information sciences	32,500	33,000	30,000	33,300	23,000	S	30,000	S
Mathematics and related sciences	26,000	27,000	23,400	25,000	S	S	S	S
Life and related sciences, total	22,500	23,500	22,000	22,500	S	S	S	S
Agricultural and food sciences	22,000	22,000	20,800	22,000	S	S	S	S
Biological sciences	22,500	24,000	22,000	22,800	S	S	S	S
Environmental life sciences including forestry sciences	23,000	21,800	24,500	22,900	S	S	S	S
Physical and related sciences, total	26,000	26,000	25,000	26,000	S	25,000	26,800	S
Chemistry, except biochemistry	26,800	26,800	26,500	27,000	S	S	S	S
Earth sciences, geology, and oceanography	25,000	26,000	S	25,000	S	S	S	S
Physics and astronomy	25,500	25,000	S	25,000	S	S	S	S
Other physical sciences	25,000	26,000	S	25,200	S	S	S	S
Social and related sciences, total	22,000	23,000	21,000	22,000	23,000	21,200	23,500	S
Economics	25,000	25,000	26,000	26,000	S	S	S	S
Political science and related sciences	23,000	24,000	22,800	22,800	S	S	S	S
Psychology	20,000	22,000	19,200	20,000	S	S	S	S
Sociology and anthropology	21,000	20,000	21,000	21,000	S	S	S	S
Other social sciences	23,000	24,000	23,000	24,000	S	S	S	S
Engineering, total	35,000	35,000	36,000	35,000	36,000	36,000	33,000	S
Aerospace and related engineering	30,000	30,000	34,400	30,000	S	S	S	S
Chemical engineering	41,700	41,000	42,000	41,700	S	S	S	S
Civil and architectural engineering	32,000	32,000	32,500	32,000	S	S	S	S
Electrical, electronic, computer and communications engineering	36,000	35,000	37,000	36,000	S	S	33,000	S
Industrial engineering	34,000	35,000	33,000	35,000	32,000	30,000	S	S
Mechanical engineering	36,000	36,000	38,000	36,000	S	S	S	S
Other engineering	33,000	32,000	36,000	33,500	S	S	S	S

KEY: S = Data are suppressed for reasons of respondent confidentiality and/or data reliability. Unweighted cell size is less than 20.

NOTE: Salary for self-employed persons and for full-time students is not included in data presented in tables.

SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993.

Table B-26. Median salary of full-time employed 1991 bachelor's degree recipients, by sex, race/ethnicity, and occupation: April 1993

Occupation	Total	Sex		Race/ethnicity				
		Male	Female	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian or Pacific Islander	American Indian/ Alaskan Native
All employed science and engineering graduates	$25,300	$28,000	$23,000	$25,200	$24,000	$25,800	$30,000	S
Occupation type								
Total scientists	29,000	31,000	27,000	28,500	26,700	25,800	32,000	S
Total engineers	36,000	36,000	37,000	36,000	37,000	38,000	35,000	S
Total other occupations	22,800	24,000	21,600	22,700	22,500	22,000	23,400	S
Occupation								
Computer and mathematical scientists	34,000	34,000	33,000	34,000	S	S	34,000	S
Life and related scientists	24,400	25,000	24,400	24,400	S	S	S	S
Physical scientists	26,000	27,600	25,000	26,000	S	S	S	S
Social and related scientists	19,000	18,000	19,000	19,000	S	S	S	S
Engineers	36,000	36,000	37,000	36,000	37,000	38,000	35,000	S
Managers and related occupations	26,000	26,000	26,000	26,000	24,000	S	S	S
Health and related occupations 1/	21,000	20,800	21,000	22,000	S	S	S	S
Educators other than S&E postsecondary	22,000	21,600	22,000	22,000	S	S	S	S
Social services and related occupations	18,800	19,000	18,400	17,800	S	S	S	S
Technicians including computer programmers	26,800	29,700	25,000	26,000	S	S	28,800	S
Sales and marketing occupations	25,000	25,000	24,000	25,000	S	S	S	S
Other occupations	20,000	20,000	19,800	20,000	20,000	19,800	S	S

1/ Health-related majors are not included in the sample. Salaries are not representative of those received by health-related occupations.

KEY: S = Data are suppressed for reasons of respondent confidentiality and/or data reliability. Unweighted cell size is less than 20.

NOTE: Salary for self-employed persons and for full-time students is not included in data presented in tables.

SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates (NSRCG), 1993

Table B-27. Median salary of full-time employed 1991 bachelor's degree recipients, by broad sector of employment and field of degree: April 1993

Major field	Total	Broad sector of employment		
		Private industry and business 1/	Educational institution	Government
All science and engineering fields	$25,300	$26,800	$21,400	$25,000
Major type				
Total science	23,400	24,000	21,300	24,000
Total engineering	35,000	35,500	24,000	32,000
Major field				
Computer and mathematical sciences, total	30,000	32,000	22,000	26,000
Computer science and information sciences	32,500	33,000	S	26,000
Mathematics and related sciences	26,000	28,800	22,000	S
Life and related sciences, total	22,500	23,000	21,300	22,700
Agricultural and food sciences	22,000	22,000	S	S
Biological sciences	22,500	23,400	21,300	22,700
Environmental life sciences including forestry sciences	23,000	23,000	S	26,000
Physical and related sciences, total	26,000	27,000	21,000	25,000
Chemistry, except biochemistry	26,800	27,600	S	S
Earth sciences, geology, and oceanography	25,000	26,000	S	S
Physics and astronomy	25,500	27,000	S	29,000
Other physical sciences	25,000	S	S	S
Social and related sciences, total	22,000	22,000	21,000	23,500
Economics	25,000	25,200	S	S
Political science and related sciences	23,000	24,000	S	24,100
Psychology	20,000	20,000	22,000	20,000
Sociology and anthropology	21,000	21,000	S	S
Other social sciences	23,000	22,300	S	S
Engineering, total	35,000	35,500	24,000	32,000
Aerospace and related engineering	30,000	32,000	S	26,400
Chemical engineering	41,700	42,000	S	S
Civil and architectural engineering	32,000	32,000	S	34,000
Electrical, electronic, computer and communications engineering	36,000	36,000	S	S
Industrial engineering	34,000	35,000	S	30,000
Mechanical engineering	36,000	36,000	S	S
Other engineering	33,000	35,000	S	26,400

1/ Nonprofit included with private industry and business

KEY: S = Data are suppressed for reasons of respondent confidentiality and/or data reliability. Unweighted cell size less than 20.

NOTE: Salary for self-employed persons and for full-time students is not included in data presented in tables.

SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993.

Table B-28. Mean salary of full-time employed 1991 bachelor's degree recipients, by broad sector of employment and occupation: April 1993

Occupation	Total	Broad sector of employment		
		Private industry and business 1/	Educational institution	Government
All employed science and engineering graduates	$25,300	$26,800	$21,400	$25,000
Occupation type				
Total scientists	29,000	31,000	22,000	25,000
Total engineers	36,000	36,000	S	35,000
Total other occupations	22,800	23,000	21,000	23,500
Occupation				
Computer and mathematical scientists	34,000	34,000	S	32,000
Life and related scientists	24,400	30,000	S	S
Physical scientists	26,000	27,600	S	23,900
Social and related scientists	19,000	17,200	S	S
Engineers	36,000	36,000	S	35,000
Managers and related occupations	26,000	26,000	S	26,400
Health and related occupations 2/	21,000	21,000	S	S
Educators other than S&E postsecondary	22,000	S	22,000	S
Social services and related occupations	18,800	17,200	S	20,000
Technicians including computer programmers	26,800	28,800	S	18,900
Sales and marketing occupations	25,000	25,000	S	S
Other occupations	20,000	19,800	18,000	24,000

1/ Nonprofit included with private industry and business

2/ Health-related majors are not included in sample. Salaries are not representative of those received by health-related occupations.

KEY: S = Data are suppressed for reasons of respondent confidentiality and/or data reliability. Unweighted cell size is less than 20.

NOTE: Salary for self-employed persons and for full-time students is not included in data presented in table.

SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-29. Number of 1992 science and engineering bachelor's degree recipients, by sex, race/ethnicity, and field of degree: April 1993

Major field	Total recipients	Sex		Race/ethnicity				
		Male	Female	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian or Pacific Islander	American Indian/ Alaskan Native
All science and engineering fields	330,900	184,000	146,900	266,900	23,900	13,800	25,400	900
Major type								
Total science	273,200	133,800	139,400	221,900	21,300	11,100	18,100	700
Total engineering	57,700	50,200	7,600	44,900	2,600	2,600	7,300	200
Major field								
Computer and mathematical sciences, total	39,800	23,700	16,100	29,400	4,100	1,600	4,500	100
Computer science and information sciences	25,700	16,800	9,000	17,700	3,000	1,300	3,600	100
Mathematics and related sciences	14,100	6,900	7,200	11,700	1,200	300	900	S
Life and related sciences, total	52,100	27,000	25,100	41,100	3,300	2,300	5,200	200
Agricultural and food sciences	4,900	3,100	1,800	4,600	S	100	S	S
Biological sciences	43,300	21,300	22,000	32,700	3,200	2,100	5,100	200
Environmental life sciences including forestry sciences	3,900	2,600	1,300	3,800	S	S	S	S
Physical and related sciences, total	17,500	12,000	5,500	14,800	800	700	1,200	S
Chemistry, except biochemistry	8,600	5,600	3,000	7,100	600	300	700	S
Earth sciences, geology, and oceanography	3,800	2,300	1,500	3,500	S	200	S	S
Physics and astronomy	4,700	3,800	900	3,800	200	100	500	S
Other physical sciences	500	400	100	400	S	100	S	S
Social and related sciences, total	163,700	71,100	92,600	136,600	13,000	6,500	7,200	300
Economics	23,700	16,800	6,900	19,500	1,500	800	2,000	S
Political science and related sciences	41,800	24,400	17,400	35,100	2,700	2,000	1,700	200
Psychology	61,100	17,500	43,600	51,500	5,200	2,200	2,200	S
Sociology and anthropology	24,900	6,900	18,000	19,800	2,900	1,000	1,000	200
Other social sciences	12,200	5,600	6,600	10,700	800	500	300	S
Engineering, total	57,700	50,200	7,600	44,900	2,600	2,600	7,300	200
Aerospace and related engineering	3,800	3,500	300	3,200	100	200	300	S
Chemical engineering	3,400	2,200	1,200	2,800	200	100	300	S
Civil and architectural engineering	8,400	7,100	1,300	6,500	300	500	1,000	S
Electrical, electronic, computer and communications engineering	19,700	17,900	1,800	13,700	1,100	1,000	3,800	S
Industrial engineering	4,000	3,000	1,000	3,200	300	200	300	S
Mechanical engineering	12,200	11,200	1,000	10,300	300	500	1,000	100
Other engineering	6,200	5,300	900	5,200	300	100	700	S

KEY: S = Data values below 100 are suppressed for reasons of respondent confidentiality and/or data reliability.

NOTE: Details may not add to totals because of rounding.

SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-30. Number of 1992 science and engineering bachelor's degree recipients, by race/ethnicity, sex, and field of degree: April 1993

Major field	Race/ethnicity									
	White, non-Hispanic		Black, non-Hispanic		Hispanic		Asian or Pacific Islander		American Indian/ Alaskan Native	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
All science and engineering fields	151,000	115,800	9,200	14,700	8,100	5,700	15,200	10,200	400	500
Major type										
Total science	111,300	110,700	7,100	14,200	5,800	5,300	9,400	8,700	200	500
Total engineering	39,800	5,100	2,100	500	2,300	400	5,800	1,600	200	S
Major field										
Computer and mathematical sciences, total	18,600	10,800	1,300	2,900	900	700	2,700	1,800	100	S
Computer science and information sciences	12,800	4,900	1,000	2,000	700	600	2,200	1,500	100	S
Mathematics and related sciences	5,800	5,900	300	900	200	S	500	300	S	S
Life and related sciences, total	22,700	18,500	900	2,400	1,500	800	1,900	3,300	S	200
Agricultural and food sciences	2,900	1,700	S	S	S	S	S	S	S	S
Biological sciences	17,300	15,500	800	2,400	1,400	700	1,900	3,200	S	200
Environmental life sciences including forestry sciences	2,500	1,300	S	S	S	S	S	S	S	S
Physical and related sciences, total	10,200	4,600	400	400	500	100	900	400	S	S
Chemistry, except biochemistry	4,800	2,300	200	400	200	S	400	300	S	S
Earth sciences, geology, and oceanography	2,100	1,400	S	S	100	S	S	S	S	S
Physics and astronomy	3,000	700	200	S	100	S	400	100	S	S
Other physical sciences	300	S	S	S	S	S	S	S	S	S
Social and related sciences, total	59,800	76,800	4,600	8,400	2,800	3,700	4,000	3,300	S	300
Economics	13,700	5,800	1,000	500	800	S	1,400	600	S	S
Political science and related sciences	21,200	14,000	1,400	1,400	1,100	1,000	800	1,000	S	200
Psychology	14,500	37,000	1,500	3,700	300	1,800	1,200	1,000	S	S
Sociology and anthropology	5,500	14,400	400	2,400	500	600	500	500	S	200
Other social sciences	5,000	5,700	300	500	200	300	200	200	S	S
Engineering, total	39,800	5,100	2,100	500	2,300	400	5,800	1,600	200	S
Aerospace and related engineering	2,900	300	100	S	200	S	300	S	S	S
Chemical engineering	1,800	1,000	100	S	S	100	200	S	S	S
Civil and architectural engineering	5,700	900	200	S	500	S	700	300	S	S
Electrical, electronic, computer and communications engineering	12,900	900	1,000	200	900	S	3,100	600	S	S
Industrial engineering	2,400	700	200	S	200	S	200	100	S	S
Mechanical engineering	9,600	800	200	S	500	S	800	200	100	S
Other engineering	4,600	600	300	S	S	S	500	200	S	S

KEY: S = Data values below 100 are suppressed for reasons of respondent confidentiality and/or data reliability.

NOTE: Details may not add to totals because of rounding.

SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-31. Number of 1992 science and engineering bachelor's degree recipients, by age and field of degree: April 1993

Major field	Total recipients	Age				
		Less than 25	25-29	30-34	35-39	40 or more
All science and engineering fields	330,900	233,200	56,300	19,200	10,300	11,900
Major type						
Total science	273,200	195,200	43,800	14,100	9,000	11,100
Total engineering	57,700	38,000	12,500	5,100	1,300	800
Major field						
Computer and mathematical sciences, total	39,800	22,600	8,900	3,100	3,100	2,100
Computer science and information sciences	25,700	12,800	6,500	2,300	2,500	1,700
Mathematics and related sciences	14,100	9,800	2,400	800	700	300
Life and related sciences, total	52,100	40,500	8,400	1,700	1,200	400
Agricultural and food sciences	4,900	3,300	1,000	500	100	S
Biological sciences	43,300	34,100	6,900	1,000	900	300
Environmental life sciences including forestry sciences	3,900	3,100	500	200	100	S
Physical and related sciences, total	17,500	12,200	3,100	1,200	400	600
Chemistry, except biochemistry	8,600	6,400	1,500	500	100	200
Earth sciences, geology, and oceanography	3,800	2,100	600	500	100	400
Physics and astronomy	4,700	3,400	900	200	S	S
Other physical sciences	500	300	100	S	S	S
Social and related sciences, total	163,700	119,900	23,300	8,100	4,400	8,000
Economics	23,700	18,900	3,500	800	100	500
Political science and related sciences	41,800	31,600	7,300	1,500	300	1,100
Psychology	61,100	46,000	7,600	3,000	1,900	2,600
Sociology and anthropology	24,900	16,400	3,300	1,500	1,200	2,400
Other social sciences	12,200	7,100	1,600	1,200	900	1,400
Engineering, total	57,700	38,000	12,500	5,100	1,300	800
Aerospace and related engineering	3,800	3,200	600	S	S	S
Chemical engineering	3,400	2,600	600	200	S	S
Civil and architectural engineering	8,400	5,600	1,700	700	200	100
Electrical, electronic, computer and communications engineering	19,700	11,100	5,200	2,500	400	400
Industrial engineering	4,000	2,800	900	200	S	S
Mechanical engineering	12,200	8,100	2,800	800	400	100
Other engineering	6,200	4,500	800	600	200	200

KEY: S = Data values below 100 are suppressed for reasons of respondent confidentiality and/or data reliability.

NOTE: Details may not add to totals because of rounding.

SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-32. Number of 1992 science and engineering bachelor's degree recipients residing in the United States who are U.S. citizens, foreign born, and number who attended a foreign high school, by field of degree: April 1993

Major field	Total recipients	U.S. citizens [1]	Foreign born [1]	Attended foreign high school [2]
All science and engineering fields	330,900	316,600	36,400	13,400
Major type				
Total science	273,200	262,700	26,900	9,000
Total engineering	57,700	53,900	9,500	4,400
Major field				
Computer and mathematical sciences, total	39,800	36,900	6,200	3,300
Computer science and information sciences	25,700	23,400	4,700	2,800
Mathematics and related sciences	14,100	13,500	1,400	500
Life and related sciences, total	52,100	50,200	6,000	1,300
Agricultural and food sciences	4,900	4,900	S	S
Biological sciences	43,300	41,400	5,900	1,200
Environmental life sciences including forestry sciences	3,900	3,900	100	S
Physical and related sciences, total	17,500	16,400	2,100	1,100
Chemistry, except biochemistry	8,600	8,100	1,100	500
Earth sciences, geology, and oceanography	3,800	3,600	300	100
Physics and astronomy	4,700	4,100	700	500
Other physical sciences	500	500	S	S
Social and related sciences, total	163,700	159,200	12,600	3,200
Economics	23,700	22,300	2,800	1,500
Political science and related sciences	41,800	40,700	3,600	800
Psychology	61,100	59,700	3,600	500
Sociology and anthropology	24,900	24,600	1,900	200
Other social sciences	12,200	11,900	800	200
Engineering, total	57,700	53,900	9,500	4,400
Aerospace and related engineering	3,800	3,700	600	100
Chemical engineering	3,400	3,200	300	200
Civil and architectural engineering	8,400	7,900	1,000	400
Electrical, electronic, computer and communications engineering	19,700	17,500	5,200	2,300
Industrial engineering	4,000	3,800	400	100
Mechanical engineering	12,200	11,800	1,200	500
Other engineering	6,200	5,900	800	800

1/ Some U.S. citizens are foreign-born. Therefore, the separate columns do not add to the "Total recipients" total.

2/ Data include both U.S. citizens and foreign nationals.

KEY: S = Data values below 100 are suppressed for reasons of respondent confidentiality and/or data reliability.

NOTE: Details may not add to totals because of rounding.

SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-33. Number of 1992 science and engineering bachelor's degree recipients residing in the United States who are native-born or naturalized U.S. citizens, and number who are permanent or temporary residents, by field of degree: April 1993

Major field	Total recipients	U.S. citizen		Non-U.S. citizen	
		Native born	Naturalized	Permanent resident	Temporary resident/ other
All science and engineering fields	330,900	298,900	17,700	9,400	4,900
Major type					
Total science	273,200	249,700	13,000	7,000	3,500
Total engineering	57,700	49,200	4,700	2,400	1,400
Major field					
Computer and mathematical sciences, total	39,800	34,300	2,600	1,800	1,100
Computer science and information sciences	25,700	21,500	1,900	1,400	900
Mathematics and related sciences	14,100	12,800	700	400	200
Life and related sciences, total	52,100	46,600	3,600	1,400	600
Agricultural and food sciences	4,900	4,900	S	S	S
Biological sciences	43,300	37,900	3,500	1,300	600
Environmental life sciences including forestry sciences	3,900	3,800	S	S	S
Physical and related sciences, total	17,500	15,600	700	600	600
Chemistry, except biochemistry	8,600	7,600	500	300	200
Earth sciences, geology, and oceanography	3,800	3,600	S	100	S
Physics and astronomy	4,700	3,900	200	200	400
Other physical sciences	500	500	S	S	S
Social and related sciences, total	163,700	153,200	6,100	3,300	1,200
Economics	23,700	20,900	1,400	1,000	400
Political science and related sciences	41,800	39,100	1,500	800	400
Psychology	61,100	58,000	1,700	1,000	300
Sociology and anthropology	24,900	23,500	1,100	200	S
Other social sciences	12,200	11,600	300	300	S
Engineering, total	57,700	49,200	4,700	2,400	1,400
Aerospace and related engineering	3,800	3,400	300	S	S
Chemical engineering	3,400	3,100	200	100	S
Civil and architectural engineering	8,400	7,400	600	300	200
Electrical, electronic, computer and communications engineering	19,700	15,100	2,500	1,300	800
Industrial engineering	4,000	3,600	200	100	S
Mechanical engineering	12,200	11,300	500	200	200
Other engineering	6,200	5,400	500	300	S

KEY: S = Data values below 100 are suppressed for reasons of respondent confidentiality and/or data reliability.
NOTE: Details may not add to totals because of rounding.
SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-34. Number of 1992 science and engineering bachelor's degree recipients who received financial support from various sources for 1992 bachelor's degree, by field: April 1993

Major field	Total recip-ients	Sources of support							
		Earnings from employ-ment	Gifts from parents/ relatives	Scholar-ships, grants, fellow-ships	Loans from college, bank, govern-ment	Assistant-ships, work study	Employee assis-tance	Loans from parents or relatives	Other sources
All science and engineering fields	330,900	237,500	238,400	181,300	147,300	82,100	27,900	33,400	5,600
Major type									
Total science	273,200	191,700	198,200	146,400	122,500	69,700	20,800	25,600	4,700
Total engineering	57,700	45,900	40,200	34,800	24,900	12,300	7,100	7,700	1,000
Major field									
Computer and mathematical sciences, total	39,800	29,400	23,800	22,800	18,500	11,400	6,000	3,100	400
Computer science and information sciences	25,700	19,800	14,600	13,100	11,800	7,400	4,800	2,300	100
Mathematics and related sciences	14,100	9,500	9,200	9,700	6,700	3,900	1,200	800	200
Life and related sciences, total	52,100	38,300	39,400	32,000	24,700	14,700	3,200	5,100	500
Agricultural and food sciences	4,900	4,100	3,400	3,500	2,300	1,400	400	800	S
Biological sciences	43,300	31,500	32,800	26,700	21,200	12,500	2,600	3,800	400
Environmental life sciences including forestry sciences	3,900	2,600	3,300	1,800	1,200	800	300	500	S
Physical and related sciences, total	17,500	12,300	12,300	11,200	7,700	5,500	1,700	1,500	300
Chemistry, except biochemistry	8,600	6,100	6,200	5,600	3,600	2,800	1,100	800	S
Earth sciences, geology, and oceanography	3,800	2,800	2,200	2,100	1,800	1,000	300	400	S
Physics and astronomy	4,700	3,000	3,500	3,300	2,000	1,400	300	300	200
Other physical sciences	500	400	300	300	300	200	S	S	S
Social and related sciences, total	163,700	111,700	122,700	80,400	71,600	38,200	9,900	15,900	3,400
Economics	23,700	16,800	19,200	11,900	9,100	5,300	1,200	1,300	700
Political science and related sciences	41,800	28,500	33,200	20,900	17,800	9,500	2,700	4,300	800
Psychology	61,100	40,100	46,600	29,700	27,200	16,000	3,700	6,800	1,200
Sociology and anthropology	24,900	16,300	15,700	11,900	12,000	6,300	1,300	1,900	500
Other social sciences	12,200	10,000	8,100	5,900	5,500	1,100	1,100	1,500	300
Engineering, total	57,700	45,900	40,200	34,800	24,900	12,300	7,100	7,700	1,000
Aerospace and related engineering	3,800	2,500	3,100	2,300	1,500	700	300	500	S
Chemical engineering	3,400	2,900	2,700	2,500	1,600	1,000	400	400	S
Civil and architectural engineering	8,400	6,600	6,000	4,700	3,800	1,700	600	1,200	100
Electrical, electronic, computer and communications	19,700	15,800	12,500	11,800	8,000	3,800	3,100	2,300	300
Industrial engineering	4,000	3,000	3,100	2,300	1,500	800	300	700	S
Mechanical engineering	12,200	10,400	8,500	7,400	5,500	2,400	1,900	2,100	300
Other engineering	6,200	4,800	4,400	3,900	2,900	2,000	400	700	S

KEY: S = Data values below 100 are suppressed for reasons of respondent confidentiality and/or data reliability.

NOTE: Respondents may have multiple sources of support. Therefore, column entries will not add to "Total recipients."

SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-35. Number of 1992 science and engineering bachelor's degree recipients who have taken additional courses since most recent degree and enrollment status on April 15, 1993, by field of degree: April 1993

Major field	Total recipients	Have taken additional courses since most recent degree 1/	April 15, 1993 status		
			Full-time student	Part-time student	Not student
All science and engineering fields	330,900	122,600	71,800	28,100	230,900
Major type					
Total science	273,200	104,700	62,600	22,700	187,900
Total engineering	57,700	18,000	9,300	5,400	43,100
Major field					
Computer and mathematical sciences, total	39,800	11,000	4,900	3,400	31,500
Computer science and information sciences	25,700	5,100	1,400	2,200	22,100
Mathematics and related sciences	14,100	5,900	3,500	1,200	9,400
Life and related sciences, total	52,100	25,800	18,400	3,800	29,900
Agricultural and food sciences	4,900	1,500	1,000	200	3,700
Biological sciences	43,300	23,200	16,700	3,400	23,200
Environmental life sciences including forestry sciences	3,900	1,100	700	200	3,000
Physical and related sciences, total	17,500	9,500	7,200	900	9,500
Chemistry, except biochemistry	8,600	4,800	3,700	500	4,400
Earth sciences, geology, and oceanography	3,800	1,500	1,100	200	2,500
Physics and astronomy	4,700	2,900	2,200	200	2,200
Other physical sciences	500	300	100	S	400
Social and related sciences, total	163,700	58,500	32,100	14,600	117,100
Economics	23,700	6,700	4,000	1,800	18,000
Political science and related sciences	41,800	14,300	8,000	3,100	30,800
Psychology	61,100	24,400	13,600	6,400	41,000
Sociology and anthropology	24,900	9,000	4,600	2,100	18,200
Other social sciences	12,200	4,100	1,900	1,200	9,100
Engineering, total	57,700	18,000	9,300	5,400	43,100
Aerospace and related engineering	3,800	1,300	900	300	2,700
Chemical engineering	3,400	800	400	200	2,800
Civil and architectural engineering	8,400	2,000	1,200	500	6,700
Electrical, electronic, computer and communications engineering	19,700	6,900	3,200	2,400	14,100
Industrial engineering	4,000	1,000	300	400	3,200
Mechanical engineering	12,200	3,700	1,900	1,100	9,200
Other engineering	6,200	2,300	1,400	500	4,300

1/ Excludes those receiving a degree between April 15 and date of interview (May-November 1993)

KEY: S = Data values below 100 are suppressed for reasons of respondent confidentiality and/or data reliability.

NOTE: Details may not add to add to totals because of rounding.

SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-36. Number of 1992 science and engineering bachelor's degree recipients who have not taken courses since most recent degree, and likelihood they will take additional courses, by field of degree: April 1993

Major field	Total number not taking courses since most recent degree 1/	Likelihood will take classes		
		Very likely	Somewhat likely	Very unlikely
All science and engineering fields	191,000	142,600	37,500	10,500
Major type				
Total science	153,000	117,400	28,300	7,700
Total engineering	37,100	25,200	9,200	2,700
Major field				
Computer and mathematical sciences, total	27,100	17,900	7,400	1,800
Computer science and information sciences	19,900	12,700	5,700	1,600
Mathematics and related sciences	7,100	5,200	1,700	200
Life and related sciences, total	23,100	18,100	4,100	900
Agricultural and food sciences	3,300	1,600	900	800
Biological sciences	17,100	14,300	2,800	S
Environmental life sciences including forestry sciences	2,700	2,100	400	100
Physical and related sciences, total	7,400	5,700	1,500	300
Chemistry, except biochemistry	3,600	2,600	800	200
Earth sciences, geology, and oceanography	2,100	1,500	500	S
Physics and astronomy	1,500	1,300	100	S
Other physical sciences	200	200	S	S
Social and related sciences, total	96,000	75,800	15,400	4,800
Economics	15,800	12,000	2,600	1,300
Political science and related sciences	25,100	21,500	2,900	800
Psychology	32,600	26,600	5,000	1,000
Sociology and anthropology	15,300	11,100	3,000	1,200
Other social sciences	7,100	4,600	1,900	600
Engineering, total	37,100	25,200	9,200	2,700
Aerospace and related engineering	2,300	1,800	400	100
Chemical engineering	2,500	1,700	700	100
Civil and architectural engineering	6,100	3,600	2,000	500
Electrical, electronic, computer and communications engineering	11,600	7,700	2,900	1,000
Industrial engineering	2,900	2,200	500	200
Mechanical engineering	8,100	5,700	2,000	500
Other engineering	3,700	2,600	700	400

1/ Excludes those receiving a degree between April 15 and date of interview (May-November 1993)

KEY: S = Data values below 100 are suppressed for reasons of respondent confidentiality and/or data reliability.

NOTE: Details may not add totals because of rounding.

SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-37. Number of 1992 science and engineering bachelor's degree recipients who have taken courses since most recent degree, and type of degree sought, by field of degree: April 1993

Major field	Total recipients	Have taken additional courses since most recent degree 1/	Types of degree sought				
			No specific degree	Ph.D. degree	Prof degree	MA degree	Other or BA degree
All science and engineering fields	330,900	122,600	28,300	12,100	21,100	52,000	9,100
Major type							
Total science	273,200	104,700	24,900	11,000	20,800	39,000	8,900
Total engineering	57,700	18,000	3,300	1,100	300	13,000	300
Major field							
Computer and mathematical sciences, total	39,800	11,000	2,900	800	400	6,200	800
Computer science and information sciences	25,700	5,100	1,400	100	100	3,000	400
Mathematics and related sciences	14,100	5,900	1,400	700	200	3,200	400
Life and related sciences, total	52,100	25,800	5,600	3,100	8,900	6,600	1,600
Agricultural and food sciences	4,900	1,500	100	200	200	900	S
Biological sciences	43,300	23,200	5,100	2,900	8,400	5,300	1,500
Environmental life sciences including forestry sciences	3,900	1,100	300	S	200	500	S
Physical and related sciences, total	17,500	9,500	1,400	3,600	1,200	3,000	300
Chemistry, except biochemistry	8,600	4,800	600	2,100	1,000	1,000	100
Earth sciences, geology, and oceanography	3,800	1,500	400	200	S	800	S
Physics and astronomy	4,700	2,900	300	1,200	100	1,200	100
Other physical sciences	500	300	100	S	S	S	S
Social and related sciences, total	163,700	58,500	15,100	3,600	10,400	23,200	6,200
Economics	23,700	6,700	1,400	S	1,900	2,700	700
Political science and related sciences	41,800	14,300	3,500	300	4,400	3,800	2,300
Psychology	61,100	24,400	5,400	2,700	2,700	11,700	2,000
Sociology and anthropology	24,900	9,000	3,700	300	1,000	3,000	1,000
Other social sciences	12,200	4,100	1,100	300	500	2,200	200
Engineering, total	57,700	18,000	3,300	1,100	300	13,000	300
Aerospace and related engineering	3,800	1,300	200	S	S	900	100
Chemical engineering	3,400	800	200	200	S	400	S
Civil and architectural engineering	8,400	2,000	500	S	S	1,500	S
Electrical, electronic, computer and communications engineering	19,700	6,900	1,300	300	S	5,200	S
Industrial engineering	4,000	1,000	400	S	S	500	S
Mechanical engineering	12,200	3,700	600	200	100	2,700	S
Other engineering	6,200	2,300	200	400	S	1,800	S

1/ Excludes those receiving a degree between April 15 and date of interview (May-November 1993)

KEY: S = Data values below 100 are suppressed for reasons of respondent confidentiality and/or data reliability.

NOTE: Details may not add to to totals because of rounding.

SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-38. Number of 1992 science and engineering bachelor's degree recipients who are employed, employed full time, employed part time, and number who have a second job, by field of degree: April 1993

Major field	Total recipients	Employed	Employed full time	Employed part time	Having a second job
All science and engineering fields	330,900	279,700	220,700	58,900	38,400
Major type					
Total science	273,100	227,100	175,800	51,200	35,100
Total engineering	57,700	52,600	44,900	7,700	3,300
Major field					
Computer and mathematical sciences, total	39,800	36,100	30,100	5,900	3,800
Computer science and information sciences	25,700	23,800	21,800	2,100	2,400
Mathematics and related sciences	14,100	12,200	8,400	3,900	1,400
Life and related sciences, total	52,100	38,600	27,100	11,500	7,000
Agricultural and food sciences	4,900	4,300	3,500	800	600
Biological sciences	43,300	31,100	21,100	10,000	5,900
Environmental life sciences including forestry sciences	3,900	3,200	2,500	700	500
Physical and related sciences, total	17,500	14,500	10,300	4,300	1,200
Chemistry, except biochemistry	8,600	7,100	5,400	1,700	400
Earth sciences, geology, and oceanography	3,800	3,500	2,600	900	200
Physics and astronomy	4,700	3,500	1,900	1,600	300
Other physical sciences	500	400	300	S	200
Social and related sciences, total	163,700	137,900	108,400	29,500	23,100
Economics	23,700	20,300	17,900	2,300	2,400
Political science and related sciences	41,800	33,700	26,700	7,000	6,600
Psychology	61,100	51,600	37,400	14,200	9,400
Sociology and anthropology	24,900	21,700	17,100	4,600	3,100
Other social sciences	12,200	10,700	9,200	1,400	1,700
Engineering, total	57,700	52,600	44,900	7,700	3,300
Aerospace and related engineering	3,800	3,300	2,700	600	200
Chemical engineering	3,400	3,100	2,900	200	S
Civil and architectural engineering	8,400	7,400	6,300	1,100	700
Electrical, electronic, computer and communications engineering	19,700	17,700	15,200	2,500	700
Industrial engineering	4,000	3,800	3,400	400	200
Mechanical engineering	12,200	11,600	10,000	1,600	1,100
Other engineering	6,200	5,600	4,300	1,300	400

KEY: S = Data values below 100 are suppressed for reasons of respondent confidentiality and/or data reliability.
NOTE: Details may not add to totals because of rounding.
SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-39. Number of 1992 science and engineering bachelor's degree recipients who are employed, unemployed, and not in the labor force, by field of degree: April 1993

Major field	Total recipients	Employed	Unemployed 1/	Not in labor force
All science and engineering fields	330,900	279,700	17,700	33,500
Major type				
Total science	273,200	227,100	14,700	31,400
Total engineering	57,700	52,600	3,000	2,200
Major field				
Computer and mathematical sciences, total	39,800	36,100	2,200	1,500
Computer science and information sciences	25,700	23,800	1,500	400
Mathematics and related sciences	14,100	12,200	700	1,100
Life and related sciences, total	52,100	38,600	2,000	11,600
Agricultural and food sciences	4,900	4,300	300	400
Biological sciences	43,300	31,100	1,400	10,800
Environmental life sciences including forestry sciences	3,900	3,200	300	400
Physical and related sciences, total	17,500	14,500	700	2,300
Chemistry, except biochemistry	8,600	7,100	200	1,200
Earth sciences, geology, and oceanography	3,800	3,500	100	200
Physics and astronomy	4,700	3,500	300	800
Other physical sciences	500	400	S	S
Social and related sciences, total	163,700	137,900	9,800	16,000
Economics	23,700	20,300	1,900	1,500
Political science and related sciences	41,800	33,700	3,200	4,900
Psychology	61,100	51,600	3,100	6,400
Sociology and anthropology	24,900	21,700	1,000	2,200
Other social sciences	12,200	10,700	600	900
Engineering, total	57,700	52,600	3,000	2,200
Aerospace and related engineering	3,800	3,300	200	300
Chemical engineering	3,400	3,100	200	100
Civil and architectural engineering	8,400	7,400	600	400
Electrical, electronic, computer and communications engineering	19,700	17,700	1,300	700
Industrial engineering	4,000	3,800	100	S
Mechanical engineering	12,200	11,600	300	300
Other engineering	6,200	5,600	300	400

1/ The unemployed are those who were not working on April 15 and who were seeking work or who were on layoff from a job.

KEY: S = Data values below 100 are suppressed for reasons of respondent confidentiality and/or data reliability.

NOTE: Details may not add to totals because of rounding.

SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-40. Number of 1992 science and engineering bachelor's degree recipients who are not full-time students, and number of non-full-time students who are not in the labor force, in the labor force, employed, and unemployed, by field of degree: April 1993

Major field	Not full-time students				
	Total number	Not in labor force	In labor force	In labor force	
				Employed	Unemployed 1/
All science and engineering fields	259,000	8,400	250,700	239,200	11,500
Major type					
Total science	210,600	7,900	202,700	193,300	9,400
Total engineering	48,400	500	48,000	45,900	2,100
Major field					
Computer and mathematical sciences, total	34,900	600	34,400	32,700	1,700
Computer science and information sciences	24,300	200	24,100	22,800	1,200
Mathematics and related sciences	10,600	300	10,300	9,800	500
Life and related sciences, total	33,700	1,900	31,800	30,500	1,300
Agricultural and food sciences	3,900	S	3,800	3,600	200
Biological sciences	26,600	1,700	24,900	24,100	800
Environmental life sciences including forestry sciences	3,200	100	3,100	2,900	200
Physical and related sciences, total	10,400	300	10,000	9,800	300
Chemistry, except biochemistry	4,900	S	4,800	4,700	S
Earth sciences, geology, and oceanography	2,700	S	2,700	2,600	S
Physics and astronomy	2,400	200	2,200	2,100	S
Other physical sciences	400	S	400	400	S
Social and related sciences, total	131,600	5,100	126,500	120,300	6,200
Economics	19,700	200	19,500	18,600	900
Political science and related sciences	33,800	1,600	32,200	30,300	1,800
Psychology	47,400	2,300	45,100	42,700	2,400
Sociology and anthropology	20,300	800	19,500	18,700	800
Other social sciences	10,300	200	10,200	10,000	200
Engineering, total	48,400	500	48,000	45,900	2,100
Aerospace and related engineering	3,000	S	2,900	2,800	100
Chemical engineering	3,000	S	2,900	2,800	100
Civil and architectural engineering	7,200	S	7,200	6,700	400
Electrical, electronic, computer and communications engineering	16,500	200	16,400	15,500	900
Industrial engineering	3,600	S	3,600	3,500	100
Mechanical engineering	10,400	100	10,200	10,100	200
Other engineering	4,800	S	4,700	4,500	200

1/ The unemployed are those who were not working on April 15 and who were seeking work or who were on layoff from a job.

KEY: S = Data values below 100 are suppressed for reasons of respondent confidentiality and/or data reliability.

NOTE: Details may not add to totals because of rounding.

SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-41. Number of 1992 science and engineering bachelor's degree recipients who are not working, and reasons for not working, by field of degree: April 1993

Major field	Total recipients	Total not working	Reasons for not working					
			Student	Suitable job not available	Family respon-sibilities	On layoff	Not need/ want to work	Other
All science and engineering fields	330,900	51,200	31,600	8,900	3,300	1,900	3,200	6,200
Major type								
Total science	273,100	46,100	29,000	6,900	3,200	1,600	3,200	5,700
Total engineering	57,700	5,200	2,700	2,000	S	300	S	500
Major field								
Computer and mathematical sciences, total	39,800	3,700	1,700	1,100	400	500	100	400
Computer science and information sciences	25,700	1,900	600	700	200	400	S	200
Mathematics and related sciences	14,100	1,800	1,100	400	100	100	100	100
Life and related sciences, total	52,100	13,600	10,500	900	600	200	1,100	1,100
Agricultural and food sciences	4,900	700	300	S	S	S	S	100
Biological sciences	43,300	12,200	9,800	800	500	200	900	900
Environmental life sciences including forestry sciences	3,900	700	300	100	S	S	200	S
Physical and related sciences, total	17,500	3,000	2,400	200	S	200	100	200
Chemistry, except biochemistry	8,600	1,500	1,300	S	S	200	S	S
Earth sciences, geology, and oceanography	3,800	300	200	S	S	S	S	S
Physics and astronomy	4,700	1,100	900	100	S	S	100	100
Other physical sciences	500	S	S	S	S	S	S	S
Social and related sciences, total	163,700	25,800	14,400	4,600	2,300	600	1,800	4,000
Economics	23,700	3,500	2,200	700	100	100	200	500
Political science and related sciences	41,800	8,100	4,600	1,700	700	300	800	800
Psychology	61,100	9,500	5,100	1,900	900	200	500	1,800
Sociology and anthropology	24,900	3,200	1,500	300	400	S	300	600
Other social sciences	12,200	1,500	1,100	200	200	S	S	300
Engineering, total	57,700	5,200	2,700	2,000	S	300	S	500
Aerospace and related engineering	3,800	500	300	200	S	S	S	S
Chemical engineering	3,400	300	100	100	S	S	S	S
Civil and architectural engineering	8,400	1,000	500	400	S	100	S	S
Electrical, electronic, computer and communications engineering	19,700	2,000	800	1,100	S	S	S	400
Industrial engineering	4,000	200	S	S	S	S	S	S
Mechanical engineering	12,200	600	400	100	S	S	S	S
Other engineering	6,200	700	500	100	S	S	S	S

KEY: S = Data values below 100 are suppressed for reasons of respondent confidentiality and/or data reliability.

NOTE: Respondents may indicate more than one reason for not working. Details may not add to totals because of rounding.

SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-42. Number of employed 1992 science and engineering bachelor's degree recipients, by occupation and field of degree: April 1993

Major field	Total employed	Occupation					
		Computer and mathematical scientists	Life and related scientists	Physical scientists	Social and related scientists	Engineers	Other fields 1/
All science and engineering fields	279,700	22,700	9,400	9,400	10,300	35,200	192,600
Major type							
Total science	227,100	17,300	9,400	9,000	10,100	2,400	178,900
Total engineering	52,600	5,400	S	400	200	32,800	13,700
Major field							
Computer and mathematical sciences, total	36,100	13,400	S	200	100	600	21,700
Computer science and information sciences	23,800	10,700	S	S	S	400	12,700
Mathematics and related sciences	12,200	2,700	S	200	100	200	8,900
Life and related sciences, total	38,600	300	8,400	1,000	200	400	28,200
Agricultural and food sciences	4,300	S	1,100	S	S	S	3,100
Biological sciences	31,100	200	6,900	400	200	400	22,900
Environmental life sciences including forestry sciences	3,200	S	400	600	S	S	2,100
Physical and related sciences, total	14,500	400	700	7,100	100	900	5,300
Chemistry, except biochemistry	7,100	S	600	4,200	S	100	2,300
Earth sciences, geology, and oceanography	3,500	100	S	1,800	S	200	1,300
Physics and astronomy	3,500	300	S	1,100	S	600	1,400
Other physical sciences	400	S	S	S	S	S	300
Social and related sciences, total	137,900	3,100	300	600	9,700	500	123,700
Economics	20,300	800	100	S	700	200	18,500
Political science and related sciences	33,700	600	S	200	1,700	S	31,200
Psychology	51,600	1,500	200	300	6,000	S	43,500
Sociology and anthropology	21,700	S	S	S	1,200	S	20,500
Other social sciences	10,700	200	S	200	200	300	9,900
Engineering, total	52,600	5,400	S	400	200	32,800	13,700
Aerospace and related engineering	3,300	200	S	S	S	1,300	1,800
Chemical engineering	3,100	S	S	S	S	2,500	500
Civil and architectural engineering	7,400	S	S	S	S	5,900	1,400
Electrical, electronic, computer and communications engineering	17,700	3,700	S	100	S	9,800	4,000
Industrial engineering	3,800	300	S	S	S	1,900	1,400
Mechanical engineering	11,600	700	S	S	S	8,100	2,800
Other engineering	5,600	400	S	200	S	3,200	1,800

1/ This broad category includes the following occupations: Managers and other related occupations; health and related occupations; educators other than S&E postsecondary; social services and related occupations; technicians, including computer programmers; sales and marketing occupations; and all other occupations.

KEY: S = Data values below 100 are suppressed for reasons of respondent confidentiality and/or data reliability.

NOTE: Details may not add to totals because of rounding.

SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-43. Number of employed 1992 science and engineering bachelor's degree recipients who have a job for which license or certification is required or recommended, and number of these that have license or certificate, by sex and field of degree: April 1993

Major field	Total employed	Number for whom license or certificate required or recommended			Number for whom license or certificate required or recommended who have license or certificate		
		Total	Male	Female	Total	Male	Female
All science and engineering fields	279,700	82,200	46,700	35,600	34,400	20,900	13,600
Major type							
Total science	227,100	61,100	29,200	31,900	28,700	16,000	12,700
Total engineering	52,600	21,200	17,500	3,700	5,700	4,900	800
Major field							
Computer and mathematical sciences, total	36,100	8,100	4,200	3,900	4,200	2,200	2,000
Computer science and information sciences	23,800	3,700	2,400	1,300	1,100	1,000	100
Mathematics and related sciences	12,200	4,400	1,800	2,500	3,100	1,200	1,900
Life and related sciences, total	38,600	10,400	4,700	5,700	5,800	2,600	3,200
Agricultural and food sciences	4,300	1,300	900	500	700	500	100
Biological sciences	31,100	8,400	3,300	5,100	4,900	1,800	3,000
Environmental life sciences including forestry sciences	3,200	700	500	200	200	200	S
Physical and related sciences, total	14,500	3,200	2,400	800	1,400	1,200	300
Chemistry, except biochemistry	7,100	1,100	800	300	600	500	S
Earth sciences, geology, and oceanography	3,500	1,200	800	400	500	300	200
Physics and astronomy	3,500	600	500	S	200	200	S
Other physical sciences	400	300	300	S	200	200	S
Social and related sciences, total	137,900	39,400	17,900	21,600	17,300	10,100	7,300
Economics	20,300	5,200	3,900	1,300	2,300	2,000	300
Political science and related sciences	33,700	8,400	6,000	2,400	4,100	3,400	700
Psychology	51,600	16,500	4,700	11,800	5,700	2,500	3,200
Sociology and anthropology	21,700	5,300	700	4,600	2,200	200	2,100
Other social sciences	10,700	4,100	2,600	1,500	2,900	2,000	900
Engineering, total	52,600	21,200	17,500	3,700	5,700	4,900	800
Aerospace and related engineering	3,300	1,300	1,200	200	500	500	S
Chemical engineering	3,100	1,100	700	400	100	S	S
Civil and architectural engineering	7,400	5,900	4,800	1,100	1,800	1,400	400
Electrical, electronic, computer and communications engineering	17,700	4,400	3,400	1,000	900	600	300
Industrial engineering	3,800	1,200	900	300	200	200	S
Mechanical engineering	11,600	4,700	4,400	300	1,300	1,300	S
Other engineering	5,600	2,500	2,100	400	800	700	S

KEY: S = Data values below 100 are suppressed for reasons of respondent confidentiality and/or data reliability.
NOTE: Details may not add to totals because of rounding.
SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-44. Number of 1992 science and engineering bachelor's degree recipients who have had a career path job since being awarded most recent degree, and number not having career path job who are seeking one, by sex and field of degree: April 1993

Major field	Total recipients	Number having a career path job			Number not having career path job	Number of those not having a career path job who are seeking a career path job		
		Total	Male	Female		Total	Male	Female
All science and engineering fields	330,900	150,400	89,500	60,800	180,500	87,900	48,200	39,800
Major type								
Total science	273,200	115,900	60,200	55,700	157,200	72,600	34,100	38,400
Total engineering	57,700	34,400	29,300	5,100	23,300	15,400	14,000	1,300
Major field								
Computer and mathematical sciences, total	39,800	22,600	13,800	8,900	17,100	10,300	5,700	4,500
Computer science and information sciences	25,700	16,800	11,100	5,700	9,000	6,800	4,100	2,700
Mathematics and related sciences	14,100	5,900	2,700	3,200	8,200	3,500	1,700	1,800
Life and related sciences, total	52,100	19,200	9,900	9,200	33,000	12,800	6,200	6,600
Agricultural and food sciences	4,900	2,700	1,800	800	2,300	1,200	600	600
Biological sciences	43,300	15,200	7,200	8,000	28,100	10,300	4,900	5,400
Environmental life sciences including forestry sciences	3,900	1,300	900	400	2,600	1,300	800	600
Physical and related sciences, total	17,500	7,900	5,000	2,800	9,700	3,100	2,100	1,000
Chemistry, except biochemistry	8,600	3,900	2,300	1,600	4,700	1,200	700	500
Earth sciences, geology, and oceanography	3,800	2,100	1,300	800	1,600	900	500	300
Physics and astronomy	4,700	1,500	1,200	400	3,100	1,000	900	200
Other physical sciences	500	300	300	S	200	S	S	S
Social and related sciences, total	163,700	66,300	31,500	34,800	97,400	46,300	20,100	26,300
Economics	23,700	11,700	8,500	3,200	12,000	5,400	3,800	1,600
Political science and related sciences	41,800	14,600	9,700	4,900	27,200	14,400	7,400	7,000
Psychology	61,100	23,900	7,200	16,700	37,200	16,700	4,500	12,100
Sociology and anthropology	24,900	9,100	2,800	6,300	15,700	6,600	2,600	4,000
Other social sciences	12,200	6,900	3,200	3,700	5,300	3,300	1,800	1,500
Engineering, total	57,700	34,400	29,300	5,100	23,300	15,400	14,000	1,300
Aerospace and related engineering	3,800	1,700	1,600	S	2,100	1,400	1,300	S
Chemical engineering	3,400	2,400	1,400	1,000	1,000	600	500	200
Civil and architectural engineering	8,400	5,400	4,400	1,000	3,000	1,900	1,500	300
Electrical, electronic, computer and communications engineering	19,700	11,900	10,400	1,600	7,700	5,500	5,500	S
Industrial engineering	4,000	2,500	1,800	600	1,500	1,200	900	300
Mechanical engineering	12,200	7,000	6,400	600	5,200	3,500	3,200	300
Other engineering	6,200	3,500	3,300	200	2,700	1,400	1,100	200

KEY: S = Data values below 100 are suppressed for reasons of respondent confidentiality and/or data reliability.
NOTE: Details may not add to totals because of rounding.
SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-45. Number of employed 1992 science and engineering bachelor's degree recipients having job closely, somewhat, and not related to degree, by field of degree: April 1993

Major field	Total employed	Relationship of degree to job		
		Closely related	Somewhat related	Not related
All science and engineering fields	279,700	112,000	80,300	87,500
Major type				
Total science	227,100	85,500	61,700	79,900
Total engineering	52,600	26,300	18,600	7,700
Major field				
Computer and mathematical sciences, total	36,100	20,400	9,500	6,200
Computer science and information sciences	23,800	14,700	5,700	3,500
Mathematics and related sciences	12,200	5,800	3,700	2,700
Life and related sciences, total	38,600	18,900	7,900	11,800
Agricultural and food sciences	4,300	2,400	1,100	700
Biological sciences	31,100	15,500	5,800	9,800
Environmental life sciences including forestry sciences	3,200	1,000	1,000	1,200
Physical and related sciences, total	14,500	9,100	2,900	2,600
Chemistry, except biochemistry	7,100	4,800	1,400	900
Earth sciences, geology, and oceanography	3,500	2,000	600	800
Physics and astronomy	3,500	1,900	800	900
Other physical sciences	400	300	S	S
Social and related sciences, total	137,900	37,100	41,500	59,300
Economics	20,300	3,800	8,400	8,000
Political science and related sciences	33,700	6,900	8,400	18,300
Psychology	51,600	18,000	14,200	19,400
Sociology and anthropology	21,700	5,000	7,700	9,000
Other social sciences	10,700	3,400	2,700	4,600
Engineering, total	52,600	26,300	18,600	7,700
Aerospace and related engineering	3,300	900	1,300	1,100
Chemical engineering	3,100	1,600	1,200	300
Civil and architectural engineering	7,400	5,000	2,000	400
Electrical, electronic, computer and communications engineering	17,700	8,900	6,700	2,100
Industrial engineering	3,800	1,300	1,700	800
Mechanical engineering	11,600	5,500	4,000	2,000
Other engineering	5,600	3,000	1,700	900

KEY: S = Data values below 100 are suppressed for reasons of respondent confidentiality and/or data reliability.
NOTE: Details may not add to totals because of rounding.
SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-46. Number of employed 1992 science and engineering bachelor's degree recipients, by sex, race/ethnicity, and occupation: April 1993

Occupation	Total employed	Sex		Race/ethnicity				
		Male	Female	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian or Pacific Islander	American Indian/ Alaskan Native
All employed science and engineering graduates	279,700	156,600	123,000	227,800	20,900	10,600	19,300	900
Occupation type								
Total scientists	51,800	31,100	20,700	40,500	4,200	2,300	4,700	100
Total engineers	35,200	29,600	5,600	29,000	1,100	1,900	3,000	100
Total other occupations	192,600	95,800	96,800	158,400	15,600	6,400	11,600	600
Occupation								
Computer and mathematical scientists	22,700	15,100	7,600	15,900	2,400	900	3,400	100
Life and related scientists	9,400	5,800	3,600	8,000	700	700	100	S
Physical scientists	9,400	6,500	2,900	8,000	400	200	700	S
Social and related scientists	10,300	3,700	6,600	8,600	700	500	500	S
Engineers	35,200	29,600	5,600	29,000	1,100	1,900	3,000	100
Managers and related occupations	25,100	16,100	9,000	21,100	1,300	400	2,200	S
Health and related occupations	8,000	2,600	5,300	6,000	800	400	700	S
Educators other than S&E postsecondary	19,400	7,800	11,500	15,500	2,200	900	800	S
Social services and related occupations	15,400	3,800	11,600	11,300	2,700	900	500	S
Technicians including computer programmers	19,800	12,400	7,400	16,700	900	400	1,800	S
Sales and marketing occupations	30,100	16,400	13,700	25,700	1,600	1,000	1,800	S
Other occupations	74,900	36,600	38,200	62,100	6,000	2,400	3,900	500

KEY: S = Data values below 100 are suppressed for reasons of confidentiality and/or data reliability.

NOTE: Details may not add to totals because of rounding.

SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-47. Number of employed 1992 science and engineering bachelor's degree recipients, by age and occupation: April 1993

Occupation	Total employed	Age				
		Less than 25	25-29	30-34	35-39	40 or more
All employed science and engineering graduates	279,700	193,000	50,500	17,200	9,000	10,000
Occupation type						
Total scientists	51,800	35,700	8,400	3,000	2,800	1,900
Total engineers	35,200	23,100	6,700	3,600	1,000	800
Total other occupations	192,600	134,100	35,400	10,600	5,200	7,400
Occupation						
Computer and mathematical scientists	22,700	13,600	4,300	1,800	1,600	1,400
Life and related scientists	9,400	7,000	1,800	400	200	S
Physical scientists	9,400	6,800	1,400	500	200	400
Social and related scientists	10,300	8,300	900	300	800	S
Engineers	35,200	23,100	6,700	3,600	1,000	800
Managers and related occupations	25,100	15,300	6,200	1,600	300	1,800
Health and related occupations	8,000	5,800	1,000	300	200	600
Educators other than S&E postsecondary	19,400	13,600	2,200	1,400	900	1,300
Social services and related occupations	15,400	10,800	2,700	1,200	200	500
Technicians including computer programmers	19,800	12,300	4,300	1,700	900	500
Sales and marketing occupations	30,100	23,400	5,000	900	500	400
Other occupations	74,900	53,000	13,900	3,600	2,200	2,200

KEY: S = Data values below 100 are suppressed for reasons of confidentiality and/or data reliability.

NOTE: Details may not add to totals because of rounding.

SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-48. Number of employed 1992 science and engineering bachelor's degree recipients, by sector of employment and occupation: April 1993

Occupation	Total employed	Sector of employment						
		Private, for profit company	Self-employed	4-year college and university	Other educational	Nonprofit organizations	Federal government	State or local government
All employed science and engineering graduates	279,700	168,900	5,200	37,000	19,400	18,900	12,100	18,100
Occupation type								
Total scientists	51,800	24,400	400	17,500	800	3,300	1,900	3,500
Total engineers	35,200	23,700	S	5,100	S	600	3,200	2,500
Total other occupations	192,600	120,800	4,800	14,500	18,600	15,000	7,000	12,100
Occupation								
Computer and mathematical scientists	22,700	16,300	200	4,300	400	500	400	600
Life and related scientists	9,400	2,400	100	4,700	200	600	600	700
Physical scientists	9,400	4,100	S	3,900	100	200	600	500
Social and related scientists	10,300	1,600	S	4,500	200	2,000	300	1,700
Engineers	35,200	23,700	S	5,100	S	600	3,200	2,500
Managers and related occupations	25,100	18,800	800	1,200	300	1,500	1,800	700
Health and related occupations	8,000	4,700	200	1,200	S	1,200	200	600
Educators other than S&E postsecondary	19,400	800	200	1,900	15,400	700	S	300
Social services and related occupations	15,400	1,800	300	600	2,000	5,700	300	4,700
Technicians including computer programmers	19,800	14,300	400	3,700	100	600	600	100
Sales and marketing occupations	30,100	28,700	700	300	100	200	S	200
Other occupations	74,900	51,800	2,200	5,600	700	5,100	4,000	5,500

KEY: S = Data values below 100 are suppressed for reasons of confidentiality and/or data reliability.
NOTE: Details may not add to totals because of rounding.
SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-49. Number of employed 1992 science and engineering bachelor's degree recipients, by sector of employment and field of degree: April 1993

Major field	Total employed	Sector of employment						
		Private, for profit company	Self-employed	4-year college and university	Other educational	Nonprofit organizations	Federal government	State or local government
All science and engineering fields	279,700	168,900	5,200	37,000	19,400	18,900	12,100	18,100
Major type								
Total science	227,100	131,600	4,500	30,800	19,000	17,900	8,000	15,200
Total engineering	52,600	37,400	700	6,200	400	1,000	4,000	2,900
Major field								
Computer and mathematical sciences, total	36,100	24,900	300	3,900	4,100	600	1,500	800
Computer science and information sciences	23,800	19,400	100	1,400	900	500	1,100	500
Mathematics and related sciences	12,200	5,500	200	2,500	3,200	100	400	300
Life and related sciences, total	38,600	20,100	600	9,000	2,900	2,900	1,700	1,400
Agricultural and food sciences	4,300	2,800	100	700	200	S	200	100
Biological sciences	31,100	15,400	400	7,800	2,500	2,500	1,300	1,000
Environmental life sciences including forestry sciences	3,200	1,900	S	400	200	300	100	300
Physical and related sciences, total	14,500	7,000	200	5,200	800	200	900	300
Chemistry, except biochemistry	7,100	3,800	S	2,700	300	S	S	200
Earth sciences, geology, and oceanography	3,500	1,700	S	900	100	S	600	S
Physics and astronomy	3,500	1,400	S	1,500	200	S	200	S
Other physical sciences	400	S	S	S	200	S	S	S
Social and related sciences, total	137,900	79,600	3,400	12,800	11,100	14,200	4,000	12,700
Economics	20,300	15,600	500	1,100	500	1,100	1,000	400
Political science and related sciences	33,700	21,400	1,200	2,500	2,000	2,200	1,500	2,900
Psychology	51,600	25,100	1,000	6,200	5,100	7,500	1,200	5,500
Sociology and anthropology	21,700	11,600	500	2,000	2,100	2,800	100	2,500
Other social sciences	10,700	5,900	200	900	1,500	600	200	1,400
Engineering, total	52,600	37,400	700	6,200	400	1,000	4,000	2,900
Aerospace and related engineering	3,300	2,000	100	400	S	S	600	S
Chemical engineering	3,100	2,400	S	300	S	100	S	S
Civil and architectural engineering	7,400	4,600	S	600	S	100	400	1,600
Electrical, electronic, computer and communications engineering	17,700	13,000	200	2,000	S	400	1,400	600
Industrial engineering	3,800	3,100	S	300	S	S	200	S
Mechanical engineering	11,600	8,500	300	1,500	S	200	1,000	S
Other engineering	5,600	3,600	S	1,100	100	S	300	400

KEY: S = Data values below 100 are suppressed for reasons of respondent confidentiality and/or data reliability.

NOTE: Details may not add to totals because of rounding.

SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-50. Number of employed 1992 science and engineering bachelor's degree recipients, by primary work activity and field of degree: April 1993

Major field	Total employed	Primary work activity				
		Research and development (R&D)	Computer applications	Manage-ment, sales, admini-stration	Teaching	Other
All science and engineering fields	279,700	53,800	44,300	88,500	34,700	58,300
Major type						
Total science	227,100	34,000	32,700	76,300	32,800	51,400
Total engineering	52,600	19,800	11,600	12,300	2,000	6,900
Major field						
Computer and mathematical sciences, total	36,100	3,000	16,500	6,600	6,400	3,600
Computer science and information sciences	23,800	2,100	14,200	4,300	1,200	2,000
Mathematics and related sciences	12,200	900	2,400	2,200	5,100	1,600
Life and related sciences, total	38,600	11,400	2,300	9,000	5,600	10,200
Agricultural and food sciences	4,300	1,300	100	1,600	200	1,000
Biological sciences	31,100	9,300	1,900	6,300	4,900	8,700
Environmental life sciences including forestry sciences	3,200	900	300	1,100	400	600
Physical and related sciences, total	14,500	5,900	800	2,800	3,000	2,000
Chemistry, except biochemistry	7,100	3,200	200	1,300	1,500	900
Earth sciences, geology, and oceanography	3,500	1,300	300	800	500	600
Physics and astronomy	3,500	1,300	300	700	800	500
Other physical sciences	400	S	S	S	200	S
Social and related sciences, total	137,900	13,600	13,000	57,800	17,800	35,600
Economics	20,300	1,700	2,000	12,100	600	3,900
Political science and related sciences	33,700	3,400	3,000	16,500	3,100	7,800
Psychology	51,600	5,400	5,400	16,600	9,400	14,800
Sociology and anthropology	21,700	2,600	1,200	8,900	2,700	6,200
Other social sciences	10,700	600	1,400	3,800	2,000	2,900
Engineering, total	52,600	19,800	11,600	12,300	2,000	6,900
Aerospace and related engineering	3,300	800	600	1,000	300	700
Chemical engineering	3,100	1,700	300	500	S	500
Civil and architectural engineering	7,400	2,600	2,000	2,000	200	600
Electrical, electronic, computer and communications engineering	17,700	6,500	5,900	2,800	500	2,000
Industrial engineering	3,800	700	700	1,600	100	700
Mechanical engineering	11,600	5,600	1,300	2,800	400	1,500
Other engineering	5,600	1,900	900	1,600	400	800

KEY: S = Data values below 100 are suppressed for reasons of respondent confidentiality and/or data reliability.

NOTE: Primary work activity is defined as activity in which respondent worked most hours on job in typical work week. Details may not add to totals because of rounding.

SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-51. Number of employed 1992 science and engineering bachelor's degree recipients, by primary work activity and occupation: April 1993

Occupation	Total employed	Primary work activity				
		Research and development (R&D)	Computer applications	Manage-ment, sales, admini-stration	Teaching	Other
All employed science and engineering graduates	279,700	53,800	44,300	88,500	34,700	58,300
Occupation type						
Total scientists	51,800	18,500	15,400	4,400	8,600	4,800
Total engineers	35,200	18,000	6,500	6,400	1,200	3,000
Total other occupations	192,600	17,200	22,400	77,700	24,900	50,400
Occupation						
Computer and mathematical scientists	22,700	2,800	13,900	2,000	3,000	1,000
Life and related scientists	9,400	5,600	400	600	1,500	1,300
Physical scientists	9,400	4,700	500	900	2,300	900
Social and related scientists	10,300	5,400	500	900	1,800	1,600
Engineers	35,200	18,000	6,500	6,400	1,200	3,000
Managers and related occupations	25,100	1,400	2,200	18,800	200	2,500
Health and related occupations	8,000	900	700	800	200	5,500
Educators other than S&E postsecondary	19,400	600	S	600	17,700	400
Social services and related occupations	15,400	500	400	3,400	3,300	7,800
Technicians including computer programmers	19,800	7,500	9,000	1,700	200	1,500
Sales and marketing occupations	30,100	900	1,500	25,100	100	2,500
Other occupations	74,900	5,500	8,600	27,300	3,300	30,200

KEY: S = Data values below 100 are suppressed for reasons of respondent confidentiality and/or data reliability.

NOTE: Primary work activity is defined as activity in which respondent worked most hours on job in typical work week. Details may not add to totals because of rounding.

SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-52. Number of employed 1992 science and engineering bachelor's degree recipients whose work is supported by federal government, and agency giving support, by field of degree: April 1993

Major field	Total employed	Number whose work is supported by federal government	Agency supporting work							
			Department of Defense	Department of Education	Department of Energy	EPA	NASA	NIH	NSF	Other
All science and engineering fields	279,700	35,600	9,400	2,900	2,100	2,100	2,200	6,300	2,900	5,000
Major type										
Total science	227,100	26,400	4,600	2,700	1,100	1,600	1,200	6,200	2,400	4,500
Total engineering	52,600	9,200	4,700	200	1,100	500	1,000	100	500	500
Major field										
Computer and mathematical sciences, total	36,100	3,400	1,800	300	100	100	500	200	500	100
Computer science and information sciences	23,800	2,200	1,500	100	100	S	500	100	S	100
Mathematics and related sciences	12,200	1,200	400	100	S	100	S	S	500	S
Life and related sciences, total	38,600	7,800	700	400	300	300	200	3,800	800	1,100
Agricultural and food sciences	4,300	400	S	S	S	S	S	S	S	S
Biological sciences	31,100	7,000	600	300	300	200	200	3,700	800	1,000
Environmental life sciences including forestry sciences	3,200	400	100	S	S	200	S	S	S	S
Physical and related sciences, total	14,500	2,800	500	200	500	400	300	700	800	100
Chemistry, except biochemistry	7,100	1,700	300	200	300	300	S	600	400	S
Earth sciences, geology, and oceanography	3,500	500	S	S	100	S	S	S	100	S
Physics and astronomy	3,500	700	200	S	S	S	200	S	200	S
Other physical sciences	400	S	S	S	S	S	S	S	S	S
Social and related sciences, total	137,900	12,400	1,600	1,800	200	700	200	1,500	300	3,100
Economics	20,300	800	100	S	S	S	S	S	S	300
Political science and related sciences	33,700	2,100	500	S	200	200	S	200	S	800
Psychology	51,600	6,200	800	800	S	500	200	1,400	S	1,300
Sociology and anthropology	21,700	2,500	S	800	S	S	S	S	200	600
Other social sciences	10,700	800	200	200	S	S	S	S	200	200
Engineering, total	52,600	9,200	4,700	200	1,100	500	1,000	100	500	500
Aerospace and related engineering	3,300	600	300	S	S	S	200	S	S	S
Chemical engineering	3,100	400	S	S	200	S	S	S	S	S
Civil and architectural engineering	7,400	1,700	400	S	S	100	S	S	S	200
Electrical, electronic, computer and communications engineering	17,700	3,200	2,200	S	400	S	500	S	200	S
Industrial engineering	3,800	300	200	S	S	S	S	S	S	S
Mechanical engineering	11,600	2,100	1,300	S	300	100	100	S	S	100
Other engineering	5,600	900	400	S	S	S	200	S	S	S

KEY: S = Data values below 100 are suppressed for reasons of respondent confidentiality and/or data reliability.

NOTE: Respondent's work may be supported by more than one federal agency. Details may not add to totals because of rounding.

SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-53. Median salary of full-time employed 1992 bachelor's degree recipients, by sex, race/ethnicity, and field of degree: April 1993

Major field	Total	Sex		Race/ethnicity				
		Male	Female	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian or Pacific Islander	American Indian/ Alaskan Native
All science and engineering fields	$23,000	$25,000	$20,000	$23,000	$21,000	$23,500	$25,000	S
Major type								
Total science	21,000	23,000	20,000	20,800	20,000	21,700	24,000	S
Total engineering	32,000	32,000	32,800	32,000	32,000	32,000	34,000	S
Major field								
Computer and mathematical sciences, total	26,500	29,000	25,000	26,400	25,500	S	28,500	S
Computer science and information sciences	30,000	30,300	28,000	30,000	29,000	S	31,200	S
Mathematics and related sciences	21,500	21,600	21,000	21,500	S	S	S	S
Life and related sciences, total	19,500	20,300	19,200	19,700	S	S	S	S
Agricultural and food sciences	21,000	21,000	21,600	21,000	S	S	S	S
Biological sciences	19,500	20,200	19,000	19,500	S	S	S	S
Environmental life sciences including forestry sciences	18,200	18,200	18,000	18,000	S	S	S	S
Physical and related sciences, total	25,000	25,000	25,000	25,000	S	S	S	S
Chemistry, except biochemistry	27,000	27,000	27,000	27,200	S	S	S	S
Earth sciences, geology, and oceanography	21,900	21,900	22,900	21,900	S	S	S	S
Physics and astronomy	25,000	25,000	S	25,000	S	S	S	S
Other physical sciences	S	S	S	S	S	S	S	S
Social and related sciences, total	20,000	21,600	19,000	20,000	20,000	20,000	22,000	S
Economics	23,500	25,000	22,000	23,000	S	S	S	S
Political science and related sciences	20,800	22,000	18,000	20,000	S	S	S	S
Psychology	18,000	19,500	18,000	18,000	18,700	S	S	S
Sociology and anthropology	20,400	19,000	20,800	20,000	S	S	S	S
Other social sciences	22,000	21,600	22,100	22,000	S	S	S	S
Engineering, total	32,000	32,000	32,800	32,000	32,000	32,000	34,000	S
Aerospace and related engineering	27,000	27,600	S	25,000	S	S	S	S
Chemical engineering	38,600	38,000	40,000	38,400	S	S	S	S
Civil and architectural engineering	30,000	30,000	30,000	30,000	S	S	S	S
Electrical, electronic, computer and communications engineering	34,000	33,600	S	33,600	S	S	35,000	S
Industrial engineering	32,000	32,000	32,000	33,000	S	S	S	S
Mechanical engineering	32,000	32,000	S	32,000	S	S	S	S
Other engineering	33,000	33,500	32,000	33,500	S	S	31,200	S

KEY: S = Data are suppressed for reasons of respondent confidentiality and/or data reliability. Unweighted cell size is less than 20.

NOTE: Salary for self-employed persons and for full-time students is not included in data presented in table.

SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993.

Table B-54. Median salary of full-time employed 1992 bachelor's degree recipients, by sex, race/ethnicity, and occupation: April 1993

Occupation	Total	Sex		Race/ethnicity				
		Male	Female	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian or Pacific Islander	American Indian/ Alaskan Native
All employed science and engineering graduates	$23,000	$25,000	$20,000	$23,000	$21,000	$23,500	$25,000	S
Occupation type								
Total scientists	26,000	28,600	25,000	25,200	27,500	S	28,000	S
Total engineers	33,500	33,500	33,600	33,000	36,400	32,000	35,000	S
Total other occupations	20,400	22,000	19,200	20,200	19,000	20,000	23,000	S
Occupation								
Computer and mathematical scientists	31,000	31,200	30,000	30,000	S	S	31,500	S
Life and related scientists	22,000	23,000	21,000	23,000	S	S	S	S
Physical scientists	25,000	25,000	27,000	25,000	S	S	S	S
Social and related scientists	19,200	20,000	18,000	19,200	S	S	S	S
Engineers	33,500	33,500	33,600	33,000	36,400	32,000	35,000	S
Managers and related occupations	25,000	28,000	22,800	25,000	S	S	25,000	S
Health and related occupations 1/	17,700	19,200	15,500	18,000	S	S	S	S
Educators other than S&E postsecondary	20,000	22,000	19,500	20,000	S	S	S	S
Social services and related occupations	18,000	18,000	18,000	18,000	S	S	S	S
Technicians including computer programmers	25,200	25,500	22,900	25,000	S	S	S	S
Sales and marketing occupations	22,500	22,700	22,000	22,500	S	S	S	S
Other occupations	18,000	18,700	17,700	18,000	16,900	19,200	19,800	S

1/ Health-related majors are not included in sample. Salaries are not representative of those received by health-related occupations.

KEY: S = Data are suppressed for reasons of respondent confidentiality and/or data reliability. Unweighted cell size is less than 20.

NOTE: Salary for self-employed persons and for full-time students is not included in data presented in table.

SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-55. Median salary of full-time employed 1992 bachelor's degree recipients, by sector of employment and field of degree: April 1993

Major field	Total	Sector of employment		
		Private industry and business 1/	Educational institution	Government
All science and engineering fields	$23,000	$24,000	$19,800	$23,900
Major type				
Total science	21,000	21,000	19,500	22,500
Total engineering	32,000	S	26,000	30,000
Major field				
Computer and mathematical sciences, total	26,500	29,600	21,000	24,100
Computer science and information sciences	30,000	30,000	S	S
Mathematics and related sciences	21,500	21,600	21,000	S
Life and related sciences, total	19,500	19,200	20,000	22,700
Agricultural and food sciences	21,000	21,000	S	S
Biological sciences	19,500	19,200	20,000	22,700
Environmental life sciences including forestry sciences	18,200	18,200	S	S
Physical and related sciences, total	25,000	26,500	22,000	20,400
Chemistry, except biochemistry	27,000	28,000	S	S
Earth sciences, geology, and oceanography	21,900	22,900	S	18,800
Physics and astronomy	25,000	25,000	S	S
Other physical sciences	S	S	S	S
Social and related sciences, total	20,000	20,000	17,500	22,400
Economics	23,500	23,000	S	S
Political science and related sciences	20,800	19,200	S	23,800
Psychology	18,000	18,000	16,600	20,000
Sociology and anthropology	20,400	20,000	S	S
Other social sciences	22,000	21,000	S	S
Engineering, total	32,000	32,800	S	30,000
Aerospace and related engineering	27,000	30,000	S	23,000
Chemical engineering	38,600	39,000	S	S
Civil and architectural engineering	30,000	30,000	S	30,200
Electrical, electronic, computer and communications engineering	34,000	34,000	S	34,000
Industrial engineering	32,000	32,000	S	S
Mechanical engineering	32,000	32,000	S	34,000
Other engineering	33,000	33,600	S	S

1/ Nonprofit included with private industry and business

KEY: S = Data are suppressed for reasons of respondent confidentiality and/or data reliability. Unweighted cell size is less than 20.

NOTE: Salary for self-employed persons and for full-time students is not included in data presented in table.
Details may not add to totals because of rounding.

SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993.

Table B-56. Mean salary of full-time employed 1992 bachelor's degree recipients, by broad sector of employment and occupation: April 1993

Occupation	Total	Broad sector of employment		
		Private industry and business 1/	Educational institution	Government
All employed science and engineering graduates	$23,000	24,000	19,800	23,900
Occupation type				
Total scientists	26,000	28,000	20,000	23,000
Total engineers	33,500	34,000	S	31,500
Total other occupations	20,400	20,100	19,500	22,200
Occupation				
Computer and mathematical scientists	31,000	31,000	S	S
Life and related scientists	22,000	24,800	18,000	S
Physical scientists	25,000	26,000	S	24,000
Social and related scientists	19,200	19,000	S	S
Engineers	33,500	34,000	S	31,500
Managers and related occupations	25,000	25,000	S	28,000
Health and related occupations 2/	17,700	17,700	S	S
Educators other than S&E postsecondary	20,000	S	20,000	S
Social services and related occupations	18,000	18,000	S	20,800
Technicians including computer programmers	25,200	27,000	20,000	S
Sales and marketing occupations	22,500	22,500	S	S
Other occupations	18,000	17,700	S	22,800

1/ Nonprofit included with private industry and business

2/ Health-related majors are not included in sample. Salaries are not representative of those received by health-related occupations.

KEY: S = Data are suppressed for reasons of respondent confidentiality and/or data reliability. Unweighted cell size is less than 20.

NOTE: Salary for self-employed persons and for full-time students is not included in data presented in table.

SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-57. Number of 1991 science and engineering master's degree recipients by sex, race/ethnicity, and field of degree: April 1993

Major field	Total recipients	Sex		Race/ethnicity				
		Male	Female	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian or Pacific Islander	American Indian/ Alaskan Native
All science and engineering fields	57,000	38,700	18,300	41,200	2,500	2,000	11,100	200
Major type								
Total science	36,900	21,600	15,300	28,100	1,800	1,300	5,500	200
Total engineering	20,100	17,200	3,000	13,100	700	700	5,600	S
Major field								
Computer and mathematical sciences, total	13,000	8,800	4,200	9,100	900	300	2,800	S
Computer science and information sciences	8,700	6,400	2,300	5,800	700	100	2,000	S
Mathematics and related sciences	4,300	2,400	1,900	3,300	200	100	700	S
Life and related sciences, total	6,900	3,500	3,400	5,600	200	300	800	S
Agricultural and food sciences	1,100	800	400	800	S	S	100	S
Biological sciences	5,300	2,500	2,800	4,300	200	200	600	S
Environmental life sciences including forestry sciences	500	200	300	500	S	S	S	S
Physical and related sciences, total	5,200	3,800	1,500	3,900	100	200	1,000	S
Chemistry, except biochemistry	1,500	900	600	1,000	S	S	400	S
Earth sciences, geology, and oceanography	1,900	1,400	500	1,800	S	S	S	S
Physics and astronomy	1,600	1,300	300	1,100	S	S	400	S
Other physical sciences	100	S	S	S	S	S	S	S
Social and related sciences, total	11,800	5,500	6,300	9,500	500	600	1,000	100
Economics	1,700	1,200	500	1,200	S	200	200	S
Political science and related sciences	1,500	1,100	400	1,100	200	S	100	S
Psychology	5,100	1,700	3,400	4,300	200	200	300	S
Sociology and anthropology	1,700	600	1,100	1,400	S	S	200	S
Other social sciences	1,900	900	900	1,600	S	S	200	S
Engineering, total	20,100	17,200	3,000	13,100	700	700	5,600	S
Aerospace and related engineering	1,000	900	S	900	S	S	S	S
Chemical engineering	700	600	100	500	S	S	200	S
Civil and architectural engineering	2,600	1,900	600	1,600	S	100	800	S
Electrical, electronic, computer and communications engineering	8,100	7,100	1,000	4,700	300	300	2,700	S
Industrial engineering	1,200	1,000	300	800	S	S	300	S
Mechanical engineering	3,100	2,800	300	2,000	100	S	900	S
Other engineering	3,500	2,900	600	2,600	100	S	600	S

KEY: S = Data values below 100 are suppressed for reasons of respondent confidentiality and/or data reliability.

NOTE: Details may not add to totals because of rounding.

SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-58. Number of 1991 science and engineering master's degree recipients, by race/ethnicity, sex, and field of degree: April 1993

Major field	Race/ethnicity									
	White, non-Hispanic		Black, non-Hispanic		Hispanic		Asian or Pacific Islander		American Indian/ Alaskan Native	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
All science and engineering fields	27,600	13,600	1,700	800	1,400	600	8,000	3,100	S	100
Major type										
Total science	16,500	11,600	1,100	700	700	600	3,100	2,300	S	S
Total engineering	11,100	2,000	600	S	600	S	4,800	800	S	S
Major field										
Computer and mathematical sciences, total	6,300	2,800	600	300	200	S	1,700	1,000	S	S
Computer science and information sciences	4,500	1,300	500	200	S	S	1,300	700	S	S
Mathematics and related sciences	1,800	1,500	100	S	S	S	400	300	S	S
Life and related sciences, total	2,900	2,700	100	100	100	200	300	400	S	S
Agricultural and food sciences	500	300	S	S	S	S	S	S	S	S
Biological sciences	2,200	2,100	S	100	S	100	200	400	S	S
Environmental life sciences including forestry sciences	200	300	S	S	S	S	S	S	S	S
Physical and related sciences, total	2,900	1,000	S	S	100	S	600	400	S	S
Chemistry, except biochemistry	700	300	S	S	S	S	200	200	S	S
Earth sciences, geology, and oceanography	1,300	500	S	S	S	S	S	S	S	S
Physics and astronomy	900	200	S	S	S	S	300	S	S	S
Other physical sciences	S	S	S	S	S	S	S	S	S	S
Social and related sciences, total	4,400	5,200	300	300	300	300	500	500	S	S
Economics	900	300	S	S	100	S	S	100	S	S
Political science and related sciences	800	300	200	S	S	S	S	S	S	S
Psychology	1,500	2,800	S	200	S	200	100	200	S	S
Sociology and anthropology	400	900	S	S	S	S	S	S	S	S
Other social sciences	700	900	S	S	S	S	100	S	S	S
Engineering, total	11,100	2,000	600	S	600	S	4,800	800	S	S
Aerospace and related engineering	800	S	S	S	S	S	S	S	S	S
Chemical engineering	300	100	S	S	S	S	200	S	S	S
Civil and architectural engineering	1,200	400	S	S	100	S	600	100	S	S
Electrical, electronic, computer and communications engineering	4,200	600	300	S	300	S	2,300	400	S	S
Industrial engineering	600	200	S	S	S	S	300	S	S	S
Mechanical engineering	1,900	200	100	S	S	S	800	S	S	S
Other engineering	2,100	500	100	S	S	S	500	100	S	S

KEY: S = Data values below 100 are suppressed for reasons of respondent confidentiality and/or data reliability.
NOTE: Details may not add to totals because of rounding.
SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-59. Number of 1991 science and engineering master's degree recipients, by age and field of degree: April 1993

Major field	Total recipients	Age				
		Less than 25	25-29	30-34	35-39	40 or more
All science and engineering fields	57,000	900	26,900	16,600	7,400	5,200
Major type						
Total science	36,900	600	16,100	10,700	5,200	4,200
Total engineering	20,100	300	10,700	5,900	2,200	1,100
Major field						
Computer and mathematical sciences, total	13,000	200	5,400	3,800	1,900	1,700
Computer science and information sciences	8,700	100	3,600	2,500	1,200	1,200
Mathematics and related sciences	4,300	S	1,800	1,300	600	600
Life and related sciences, total	6,900	S	3,100	2,400	900	400
Agricultural and food sciences	1,100	S	500	400	200	100
Biological sciences	5,300	S	2,500	1,900	700	200
Environmental life sciences including forestry sciences	500	S	100	200	S	S
Physical and related sciences, total	5,200	S	2,800	1,600	500	300
Chemistry, except biochemistry	1,500	S	700	500	200	S
Earth sciences, geology, and oceanography	1,900	S	900	600	200	100
Physics and astronomy	1,600	S	1,100	300	100	S
Other physical sciences	100	S	S	S	S	S
Social and related sciences, total	11,800	300	4,900	3,000	1,900	1,800
Economics	1,700	S	800	600	100	S
Political science and related sciences	1,500	S	700	400	200	200
Psychology	5,100	100	2,200	1,000	1,000	800
Sociology and anthropology	1,700	S	800	500	200	300
Other social sciences	1,900	S	400	600	400	400
Engineering, total	20,100	300	10,700	5,900	2,200	1,100
Aerospace and related engineering	1,000	S	600	300	S	S
Chemical engineering	700	S	500	200	S	S
Civil and architectural engineering	2,600	S	1,200	900	300	S
Electrical, electronic, computer and communications engineering	8,100	S	4,300	2,200	900	600
Industrial engineering	1,200	S	600	400	S	100
Mechanical engineering	3,100	S	2,000	700	300	S
Other engineering	3,500	S	1,600	1,200	500	100

KEY: S = Data values below 100 are suppressed for reasons of respondent confidentiality and/or data reliability.
NOTE: Details may not add to totals because of rounding.
SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-60. Number of 1991 science and engineering master's degree recipients residing in the United States who are U.S. citizens, foreign born, and number who attended a foreign high school, by field of degree: April 1993

Major field	Total recipients	U.S. citizens	Foreign born	Attended foreign high school
All science and engineering fields	57,000	45,000	15,800	13,500
Major type				
Total science	36,900	30,300	8,800	7,400
Total engineering	20,100	14,700	7,000	6,100
Major field				
Computer and mathematical sciences, total	13,000	9,700	4,300	3,700
Computer science and information sciences	8,700	6,300	3,200	2,700
Mathematics and related sciences	4,300	3,400	1,100	1,000
Life and related sciences, total	6,900	5,900	1,400	1,100
Agricultural and food sciences	1,100	900	300	300
Biological sciences	5,300	4,600	1,000	800
Environmental life sciences including forestry sciences	500	500	S	S
Physical and related sciences, total	5,200	4,100	1,400	1,300
Chemistry, except biochemistry	1,500	1,100	500	500
Earth sciences, geology, and oceanography	1,900	1,800	200	200
Physics and astronomy	1,600	1,100	600	500
Other physical sciences	100	100	S	S
Social and related sciences, total	11,800	10,700	1,700	1,400
Economics	1,700	1,300	500	400
Political science and related sciences	1,500	1,400	200	200
Psychology	5,100	4,700	500	500
Sociology and anthropology	1,700	1,500	300	300
Other social sciences	1,900	1,700	100	100
Engineering, total	20,100	14,700	7,000	6,100
Aerospace and related engineering	1,000	800	200	100
Chemical engineering	700	500	300	300
Civil and architectural engineering	2,600	1,700	1,000	900
Electrical, electronic, computer and communications engineering	8,100	5,800	3,200	2,700
Industrial engineering	1,200	900	500	400
Mechanical engineering	3,100	2,200	1,100	900
Other engineering	3,500	2,800	900	800

KEY: S = Data values below 100 are suppressed for reasons of respondent confidentiality and/or data reliability.

NOTE: Details may not add to totals because of rounding.

SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-61. Number of 1991 science and engineering master's degree recipients residing in the United States who are native-born or naturalized U.S. citizens and number who are permanent or temporary residents, by field of degree: April 1993

Major field	Total recipients	U.S. citizen		Non-U.S. citizen	
		Native born	Naturalized	Permanent resident	Temporary resident/ other
All science and engineering fields	57,000	41,900	3,100	4,700	7,200
Major type					
Total science	36,900	28,700	1,600	2,900	3,700
Total engineering	20,100	13,300	1,500	1,800	3,600
Major field					
Computer and mathematical sciences, total	13,000	9,000	700	1,800	1,600
Computer science and information sciences	8,700	5,700	500	1,500	900
Mathematics and related sciences	4,300	3,300	100	200	700
Life and related sciences, total	6,900	5,700	200	400	600
Agricultural and food sciences	1,100	800	S	S	200
Biological sciences	5,300	4,400	100	300	400
Environmental life sciences including forestry sciences	500	500	S	S	S
Physical and related sciences, total	5,200	3,900	200	300	800
Chemistry, except biochemistry	1,500	1,000	S	200	300
Earth sciences, geology, and oceanography	1,900	1,800	S	S	100
Physics and astronomy	1,600	1,000	100	S	400
Other physical sciences	100	S	S	S	S
Social and related sciences, total	11,800	10,100	500	500	600
Economics	1,700	1,200	100	200	200
Political science and related sciences	1,500	1,300	100	S	S
Psychology	5,100	4,500	200	100	200
Sociology and anthropology	1,700	1,400	S	100	100
Other social sciences	1,900	1,700	S	S	S
Engineering, total	20,100	13,300	1,500	1,800	3,600
Aerospace and related engineering	1,000	800	S	S	100
Chemical engineering	700	400	S	S	200
Civil and architectural engineering	2,600	1,600	S	300	500
Electrical, electronic, computer and communications engineering	8,100	4,900	900	800	1,500
Industrial engineering	1,200	800	100	100	200
Mechanical engineering	3,100	2,000	200	400	500
Other engineering	3,500	2,600	100	200	500

KEY: S = Data values below 100 are suppressed for reasons of respondent confidentiality and/or data reliability.
NOTE: Details may not add to totals because of rounding.
SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-62. Number of 1991 science and engineering master's degree recipients who received financial support from various sources for 1991 master's degree, by field of degree: April 1993

Major field	Total recipients	Sources of support							
		Earnings from employment	Gifts from parents/ relatives	Scholarships, grants, fellowships	Loans from college, bank, government	Assistantships, work study	Employee assistance	Loans from parents or relatives	Other sources
All science and engineering fields	57,000	30,800	15,200	28,600	11,700	29,500	17,200	3,200	1,800
Major type									
Total science	36,900	21,200	9,900	19,000	9,500	20,200	9,200	2,000	1,300
Total engineering	20,100	9,500	5,300	9,600	2,200	9,300	8,000	1,300	500
Major field									
Computer and mathematical sciences, total	13,000	7,200	2,800	5,000	2,100	5,800	4,700	600	300
Computer science and information sciences	8,700	4,600	2,000	2,600	1,200	3,100	3,900	500	100
Mathematics and related sciences	4,300	2,500	800	2,500	800	2,700	800	100	200
Life and related sciences, total	6,900	3,900	2,100	4,200	1,800	4,200	1,700	300	300
Agricultural and food sciences	1,100	600	400	700	300	700	300	S	S
Biological sciences	5,300	3,000	1,700	3,200	1,300	3,300	1,200	200	300
Environmental life sciences including forestry sciences	500	300	S	300	200	200	200	S	S
Physical and related sciences, total	5,200	2,300	1,200	3,500	1,100	3,900	1,100	200	200
Chemistry, except biochemistry	1,500	600	300	1,000	300	1,200	300	S	S
Earth sciences, geology, and oceanography	1,900	1,200	500	1,300	600	1,500	400	100	200
Physics and astronomy	1,600	500	300	1,100	200	1,200	400	S	S
Other physical sciences	100	S	S	S	S	S	S	S	S
Social and related sciences, total	11,800	7,800	3,700	6,200	4,500	6,400	1,700	800	500
Economics	1,700	900	600	1,000	400	1,000	300	S	S
Political science and related sciences	1,500	1,000	300	700	600	700	400	100	100
Psychology	5,100	3,500	1,800	2,700	2,400	2,800	500	400	200
Sociology and anthropology	1,700	1,100	500	1,100	600	1,100	200	100	S
Other social sciences	1,900	1,200	600	700	500	800	400	100	100
Engineering, total	20,100	9,500	5,300	9,600	2,200	9,300	8,000	1,300	500
Aerospace and related engineering	1,000	400	200	500	200	400	400	S	S
Chemical engineering	700	200	200	500	S	400	200	S	S
Civil and architectural engineering	2,600	1,100	800	1,400	500	1,400	800	200	200
Electrical, electronic, computer and communications engineering	8,100	3,800	2,000	3,400	700	3,100	3,400	300	S
Industrial engineering	1,200	700	300	500	100	500	600	S	S
Mechanical engineering	3,100	1,500	1,100	1,600	400	1,700	1,000	300	S
Other engineering	3,500	1,900	700	1,700	300	1,600	1,600	100	200

KEY: S = Data values below 100 are suppressed for reasons of respondent confidentiality and/or data reliability.

NOTE: Respondents may have multiple sources of support. Therefore, column entries will not add to "Total recipients."

SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-63. Number of 1991 science and engineering master's degree recipients who have taken additional courses since most recent degree, and enrollment status on April 15, 1993, by field of degree: April 1993

Major field	Total recipients	Have taken additional courses since most recent degree 1/	April 15, 1993 status		
			Full-time student	Part-time student	Not student
All science and engineering fields	57,000	24,300	11,900	4,400	40,700
Major type					
Total science	36,900	16,600	9,000	2,800	25,100
Total engineering	20,100	7,700	3,000	1,500	15,600
Major field					
Computer and mathematical sciences, total	13,000	4,000	2,000	700	10,300
Computer science and information sciences	8,700	1,800	900	200	7,500
Mathematics and related sciences	4,300	2,200	1,000	500	2,800
Life and related sciences, total	6,900	3,700	1,900	700	4,300
Agricultural and food sciences	1,100	500	200	S	900
Biological sciences	5,300	3,000	1,600	600	3,100
Environmental life sciences including forestry sciences	500	200	S	S	400
Physical and related sciences, total	5,200	2,800	1,800	200	3,200
Chemistry, except biochemistry	1,500	800	500	S	1,000
Earth sciences, geology, and oceanography	1,900	900	300	100	1,400
Physics and astronomy	1,600	1,100	900	S	600
Other physical sciences	100	S	S	S	S
Social and related sciences, total	11,800	6,100	3,300	1,200	7,300
Economics	1,700	900	400	200	1,100
Political science and related sciences	1,500	700	400	200	900
Psychology	5,100	2,600	1,500	600	2,900
Sociology and anthropology	1,700	1,100	600	100	900
Other social sciences	1,900	800	300	S	1,500
Engineering, total	20,100	7,700	3,000	1,500	15,600
Aerospace and related engineering	1,000	400	200	S	700
Chemical engineering	700	300	200	S	400
Civil and architectural engineering	2,600	900	300	100	2,100
Electrical, electronic, computer and communications engineering	8,100	2,900	900	600	6,500
Industrial engineering	1,200	500	200	S	1,000
Mechanical engineering	3,100	1,300	400	300	2,400
Other engineering	3,500	1,300	600	300	2,600

1/ Excludes those receiving a degree between April 15 and date of interview (May-November 1993)

KEY: S = Data values below 100 are suppressed for reasons of respondent confidentiality and/or data reliability.

NOTE: Details may not add to totals because of rounding.

SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-64. Number of 1991 science and engineering master's degree recipients who have not taken courses since most recent degree, and likelihood they will take additional courses, by field of degree: April 1993

Major field	Total number not taking courses since most recent degree 1/	Likelihood will take classes		
		Very likely	Somewhat likely	Very unlikely
All science and engineering fields	30,300	16,300	10,500	3,600
Major type				
Total science	18,700	10,000	6,500	2,200
Total engineering	11,600	6,300	3,900	1,400
Major field				
Computer and mathematical sciences, total	8,800	4,800	2,700	1,200
Computer science and information sciences	6,800	3,700	2,200	900
Mathematics and related sciences	2,000	1,100	500	300
Life and related sciences, total	2,800	1,400	1,200	300
Agricultural and food sciences	600	300	300	S
Biological sciences	2,000	1,000	800	200
Environmental life sciences including forestry sciences	300	100	S	S
Physical and related sciences, total	2,200	1,100	900	200
Chemistry, except biochemistry	700	300	400	S
Earth sciences, geology, and oceanography	1,000	500	400	S
Physics and astronomy	400	200	100	S
Other physical sciences	S	S	S	S
Social and related sciences, total	5,000	2,700	1,700	600
Economics	700	200	400	100
Political science and related sciences	700	300	200	200
Psychology	2,100	1,200	600	200
Sociology and anthropology	600	400	200	S
Other social sciences	900	500	300	S
Engineering, total	11,600	6,300	3,900	1,400
Aerospace and related engineering	500	300	100	S
Chemical engineering	300	200	100	S
Civil and architectural engineering	1,500	900	400	200
Electrical, electronic, computer and communications engineering	4,800	2,500	1,700	700
Industrial engineering	700	400	200	S
Mechanical engineering	1,700	900	600	200
Other engineering	1,900	1,100	700	100

1/ Excludes those receiving a degree between April 15 and date of interview (May-November 1993)

KEY: S = Data values below 100 are suppressed for reasons of respondent confidentiality and/or data reliability.

NOTE: Details may not add to totals because of rounding.

SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-65. Number of 1991 science and engineering master's degree recipients who have taken courses since most recent degree, and type of degree sought, by field of degree: April 1993

Major field	Total recipients	Have taken additional courses since most recent degree 1/	Types of degree sought				
			No specific degree	Ph.D. degree	Prof degree	MA degree	Other or BA degree
All science and engineering fields	57,000	24,300	6,500	14,700	700	1,900	500
Major type							
Total science	36,900	16,600	4,100	10,400	600	1,100	400
Total engineering	20,100	7,700	2,400	4,300	100	800	S
Major field							
Computer and mathematical sciences, total	13,000	4,000	1,000	2,500	S	400	S
Computer science and information sciences	8,700	1,800	400	1,000	S	300	S
Mathematics and related sciences	4,300	2,200	600	1,400	S	S	S
Life and related sciences, total	6,900	3,700	1,100	2,000	400	100	100
Agricultural and food sciences	1,100	500	100	300	S	S	S
Biological sciences	5,300	3,000	800	1,700	400	100	S
Environmental life sciences including forestry sciences	500	200	100	S	S	S	S
Physical and related sciences, total	5,200	2,800	600	1,900	S	300	S
Chemistry, except biochemistry	1,500	800	100	500	S	S	S
Earth sciences, geology, and oceanography	1,900	900	400	400	S	100	S
Physics and astronomy	1,600	1,100	100	900	S	100	S
Other physical sciences	100	S	S	S	S	S	S
Social and related sciences, total	11,800	6,100	1,400	4,100	S	300	200
Economics	1,700	900	200	600	S	S	S
Political science and related sciences	1,500	700	S	500	S	S	S
Psychology	5,100	2,600	500	1,800	S	100	100
Sociology and anthropology	1,700	1,100	200	800	S	S	S
Other social sciences	1,900	800	400	300	S	S	S
Engineering, total	20,100	7,700	2,400	4,300	100	800	S
Aerospace and related engineering	1,000	400	S	300	S	S	S
Chemical engineering	700	300	S	300	S	S	S
Civil and architectural engineering	2,600	900	500	400	S	S	S
Electrical, electronic, computer and communications engineering	8,100	2,900	800	1,600	S	400	S
Industrial engineering	1,200	500	100	200	S	100	S
Mechanical engineering	3,100	1,300	400	700	S	200	S
Other engineering	3,500	1,300	400	900	S	100	S

1/ Excludes those receiving a degree between April 15 and date of interview (May-November 1993)

KEY: S = Data values below 100 are suppressed for reasons of respondent confidentiality and/or data reliability.

NOTE: Details may not add to totals because of rounding.

SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-66. Number of 1991 science and engineering master's degree recipients who are employed, employed full time, employed part time, and number who have a second job, by field of degree: April 1993

Major field	Total recipients	Employed	Employed full time	Employed part time	Having a second job
All science and engineering fields	57,000	51,700	42,300	9,400	6,700
Major type					
Total science	36,900	32,800	25,600	7,200	5,700
Total engineering	20,100	18,800	16,600	2,200	1,000
Major field					
Computer and mathematical sciences, total	13,000	12,100	10,200	1,900	2,000
Computer science and information sciences	8,700	8,100	7,200	900	1,200
Mathematics and related sciences	4,300	4,100	3,000	1,000	800
Life and related sciences, total	6,900	5,700	4,600	1,100	700
Agricultural and food sciences	1,100	900	800	100	S
Biological sciences	5,300	4,300	3,400	900	600
Environmental life sciences including forestry sciences	500	500	400	S	S
Physical and related sciences, total	5,200	4,700	3,500	1,200	300
Chemistry, except biochemistry	1,500	1,400	1,200	200	S
Earth sciences, geology, and oceanography	1,900	1,800	1,500	300	100
Physics and astronomy	1,600	1,400	700	600	S
Other physical sciences	100	100	S	S	S
Social and related sciences, total	11,800	10,300	7,300	3,000	2,700
Economics	1,700	1,300	1,000	300	200
Political science and related sciences	1,500	1,200	800	400	200
Psychology	5,100	4,600	3,300	1,200	1,400
Sociology and anthropology	1,700	1,500	900	600	300
Other social sciences	1,900	1,700	1,200	500	500
Engineering, total	20,100	18,800	16,600	2,200	1,000
Aerospace and related engineering	1,000	900	800	100	S
Chemical engineering	700	600	500	100	S
Civil and architectural engineering	2,600	2,300	2,100	200	S
Electrical, electronic, computer and communications engineering	8,100	7,700	6,900	800	300
Industrial engineering	1,200	1,200	1,000	200	100
Mechanical engineering	3,100	2,800	2,500	300	S
Other engineering	3,500	3,300	2,800	400	300

KEY: S = Data values below 100 are suppressed for reasons of respondent confidentiality and/or data reliability.
NOTE: Details may not add to totals because of rounding.
SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-67. Number of 1991 science and engineering master's degree recipients who are employed, unemployed, and not in the labor force, by field of degree: April 1993

Major field	Total recipients	Employed	Unemployed 1/	Not in labor force
All science and engineering fields	57,000	51,700	1,400	3,900
Major type				
Total science	36,900	32,800	900	3,100
Total engineering	20,100	18,800	500	800
Major field				
Computer and mathematical sciences, total	13,000	12,100	300	500
Computer science and information sciences	8,700	8,100	300	200
Mathematics and related sciences	4,300	4,100	S	200
Life and related sciences, total	6,900	5,700	200	1,000
Agricultural and food sciences	1,100	900	S	100
Biological sciences	5,300	4,300	S	900
Environmental life sciences including forestry sciences	500	500	S	S
Physical and related sciences, total	5,200	4,700	S	400
Chemistry, except biochemistry	1,500	1,400	S	100
Earth sciences, geology, and oceanography	1,900	1,800	S	S
Physics and astronomy	1,600	1,400	S	200
Other physical sciences	100	100	S	S
Social and related sciences, total	11,800	10,300	300	1,100
Economics	1,700	1,300	200	200
Political science and related sciences	1,500	1,200	S	300
Psychology	5,100	4,600	S	400
Sociology and anthropology	1,700	1,500	S	200
Other social sciences	1,900	1,700	S	S
Engineering, total	20,100	18,800	500	800
Aerospace and related engineering	1,000	900	S	S
Chemical engineering	700	600	S	S
Civil and architectural engineering	2,600	2,300	100	100
Electrical, electronic, computer and communications engineering	8,100	7,700	100	200
Industrial engineering	1,200	1,200	S	S
Mechanical engineering	3,100	2,800	S	200
Other engineering	3,500	3,300	S	100

1/ The unemployed are those who were not working on April 15 and who were seeking work or who were on layoff from a job.

KEY: S = Data values below 100 are suppressed for reasons of respondent confidentiality and/or data reliability.

NOTE: Details may not add to totals because of rounding.

SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-68. Number of 1991 science and engineering master's degree recipients who are not full-time students, and number of non-full-time students who are not in the labor force, in the labor force, employed, and unemployed, by field of degree: April 1993

Major field	Not full-time students				
	Total number	Not in labor force	In labor force	In labor force	
				Employed	Unemployed 1/
All science and engineering fields	45,100	1,400	43,700	42,600	1,100
Major type					
Total science	27,900	1,100	26,800	26,100	700
Total engineering	17,200	300	16,900	16,500	400
Major field					
Computer and mathematical sciences, total	11,000	200	10,800	10,600	300
Computer science and information sciences	7,700	S	7,700	7,400	300
Mathematics and related sciences	3,300	S	3,200	3,200	S
Life and related sciences, total	5,000	400	4,700	4,500	100
Agricultural and food sciences	900	S	800	800	S
Biological sciences	3,700	300	3,400	3,300	S
Environmental life sciences including forestry sciences	400	S	400	400	S
Physical and related sciences, total	3,400	S	3,300	3,300	S
Chemistry, except biochemistry	1,100	S	1,000	1,000	S
Earth sciences, geology, and oceanography	1,600	S	1,600	1,600	S
Physics and astronomy	700	S	700	600	S
Other physical sciences	S	S	S	S	S
Social and related sciences, total	8,400	500	8,000	7,700	300
Economics	1,200	S	1,200	1,000	200
Political science and related sciences	1,100	200	900	800	S
Psychology	3,500	100	3,400	3,300	S
Sociology and anthropology	1,100	S	1,000	1,000	S
Other social sciences	1,500	S	1,500	1,500	S
Engineering, total	17,200	300	16,900	16,500	400
Aerospace and related engineering	700	S	700	700	S
Chemical engineering	500	S	500	400	S
Civil and architectural engineering	2,200	S	2,200	2,100	S
Electrical, electronic, computer and communications engineering	7,100	200	6,900	6,800	100
Industrial engineering	1,100	S	1,000	1,000	S
Mechanical engineering	2,700	S	2,700	2,600	S
Other engineering	2,900	S	2,800	2,800	S

1/ The unemployed are those who were not working on April 15 and who were seeking work or who were on layoff from a job.

NOTE: Details may not add to totals because of rounding.

SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-69. Number of 1991 science and engineering master's degree recipients who are not working, and reasons for not working, by field of degree: April 1993

Major field	Total recip-ients	Total not working	Reasons for not working					
			Student	Suitable job not available	Family respon-sibilities	On layoff	Not need/ want to work	Other
All science and engineering fields	57,000	5,400	3,300	500	700	100	500	800
Major type								
Total science	36,900	4,000	2,500	400	600	100	300	500
Total engineering	20,100	1,300	800	100	100	S	100	300
Major field								
Computer and mathematical sciences, total	13,000	800	400	100	100	S	S	100
Computer science and information sciences	8,700	600	200	100	S	S	S	100
Mathematics and related sciences	4,300	300	100	S	S	S	S	S
Life and related sciences, total	6,900	1,200	800	100	200	S	S	S
Agricultural and food sciences	1,100	200	100	S	S	S	S	S
Biological sciences	5,300	1,000	700	S	200	S	S	S
Environmental life sciences including forestry sciences	500	S	S	S	S	S	S	S
Physical and related sciences, total	5,200	500	400	S	S	S	S	S
Chemistry, except biochemistry	1,500	200	100	S	S	S	S	S
Earth sciences, geology, and oceanography	1,900	100	S	S	S	S	S	S
Physics and astronomy	1,600	200	200	S	S	S	S	S
Other physical sciences	100	S	S	S	S	S	S	S
Social and related sciences, total	11,800	1,500	900	S	200	S	200	300
Economics	1,700	400	200	S	S	S	S	S
Political science and related sciences	1,500	300	200	S	S	S	S	200
Psychology	5,100	500	300	S	S	S	100	100
Sociology and anthropology	1,700	200	100	S	S	S	S	S
Other social sciences	1,900	100	S	S	S	S	S	S
Engineering, total	20,100	1,300	800	100	100	S	100	300
Aerospace and related engineering	1,000	S	S	S	S	S	S	S
Chemical engineering	700	100	S	S	S	S	S	S
Civil and architectural engineering	2,600	200	100	S	S	S	S	S
Electrical, electronic, computer and communications engineering	8,100	400	100	S	S	S	S	100
Industrial engineering	1,200	S	S	S	S	S	S	S
Mechanical engineering	3,100	300	200	S	S	S	S	S
Other engineering	3,500	200	200	S	S	S	S	S

KEY: S = Data values below 100 are suppressed for reasons of respondent confidentiality and/or data reliability.

NOTE: Respondents may indicate more than one reason for not working. Details may not add to totals because of rounding.

SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-70. Number of employed 1991 science and engineering master's degree recipients, by occupation and field of degree: April 1993

Major field	Total employed	Occupation					
		Computer and mathematical scientists	Life and related scientists	Physical scientists	Social and related scientists	Engineers	Other fields 1/
All science and engineering fields	51,700	9,800	3,400	4,000	4,900	14,500	15,000
Major type							
Total science	32,800	7,600	3,300	3,700	4,900	1,000	12,400
Total engineering	18,800	2,200	S	400	S	13,500	2,600
Major field							
Computer and mathematical sciences, total	12,100	7,000	100	S	S	400	4,500
Computer science and information sciences	8,100	5,100	S	S	S	100	2,800
Mathematics and related sciences	4,100	2,000	100	S	S	200	1,700
Life and related sciences, total	5,700	100	2,800	200	S	100	2,400
Agricultural and food sciences	900	S	500	S	S	S	300
Biological sciences	4,300	S	2,200	100	S	S	1,900
Environmental life sciences including forestry sciences	500	S	S	S	S	S	200
Physical and related sciences, total	4,700	100	200	3,300	S	400	600
Chemistry, except biochemistry	1,400	S	200	900	S	S	200
Earth sciences, geology, and oceanography	1,800	S	S	1,400	S	S	200
Physics and astronomy	1,400	S	S	800	S	200	200
Other physical sciences	100	S	S	S	S	S	S
Social and related sciences, total	10,300	300	200	S	4,700	S	5,000
Economics	1,300	100	S	S	600	S	600
Political science and related sciences	1,200	S	S	S	500	S	600
Psychology	4,600	S	S	S	2,600	S	1,900
Sociology and anthropology	1,500	S	S	S	700	S	700
Other social sciences	1,700	100	S	S	300	S	1,200
Engineering, total	18,800	2,200	S	400	S	13,500	2,600
Aerospace and related engineering	900	S	S	S	S	700	100
Chemical engineering	600	S	S	S	S	500	S
Civil and architectural engineering	2,300	S	S	S	S	2,100	200
Electrical, electronic, computer and communications engineering	7,700	1,500	S	S	S	5,000	1,100
Industrial engineering	1,200	100	S	S	S	800	200
Mechanical engineering	2,800	200	S	S	S	2,300	200
Other engineering	3,300	300	S	300	S	2,000	600

1/ This broad category includes the following occupations: managers and related occupations; health and related occupations; educators other than S&E postsecondary; social services and related occupations; technicians, including computer programmers; sales and marketing occupations; and all other occupations.

KEY: S = Data values below 100 are suppressed for reasons of respondent confidentiality and/or data reliability.

NOTE: Details may not add to totals because of rounding.

SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-71. Number of employed 1991 science and engineering master's degree recipients who have a job for which license or certification is required or recommended, and number of these that have license or certificate, by sex and field of degree: April 1993

Major field	Total employed	Number for whom license or certificate required or recommended			Number for whom license or certificate required or recommended who have license or certificate		
		Total	Male	Female	Total	Male	Female
All science and engineering fields	51,700	15,900	10,000	5,900	7,700	4,600	3,100
Major type							
Total science	32,800	10,200	5,300	4,900	5,600	2,900	2,700
Total engineering	18,800	5,600	4,700	1,000	2,000	1,600	400
Major field							
Computer and mathematical sciences, total	12,100	2,900	1,900	1,000	1,700	900	800
Computer science and information sciences	8,100	1,500	1,200	300	700	500	200
Mathematics and related sciences	4,100	1,400	700	700	1,000	400	600
Life and related sciences, total	5,700	2,000	900	1,100	1,400	700	700
Agricultural and food sciences	900	300	200	100	200	100	S
Biological sciences	4,300	1,500	600	800	1,100	500	600
Environmental life sciences including forestry sciences	500	200	S	100	100	S	S
Physical and related sciences, total	4,700	1,200	900	300	500	400	100
Chemistry, except biochemistry	1,400	300	200	S	200	100	S
Earth sciences, geology, and oceanography	1,800	800	500	300	300	200	S
Physics and astronomy	1,400	200	100	S	S	S	S
Other physical sciences	100	S	S	S	S	S	S
Social and related sciences, total	10,300	4,100	1,600	2,500	2,000	900	1,100
Economics	1,300	200	200	S	200	100	S
Political science and related sciences	1,200	400	300	S	200	100	S
Psychology	4,600	2,700	900	1,800	1,100	500	600
Sociology and anthropology	1,500	300	S	200	100	S	100
Other social sciences	1,700	600	100	400	400	100	300
Engineering, total	18,800	5,600	4,700	1,000	2,000	1,600	400
Aerospace and related engineering	900	200	200	S	100	100	S
Chemical engineering	600	200	200	S	S	S	S
Civil and architectural engineering	2,300	1,900	1,400	500	800	600	200
Electrical, electronic, computer and communications engineering	7,700	900	900	S	200	200	S
Industrial engineering	1,200	400	300	100	200	100	S
Mechanical engineering	2,800	1,000	900	S	200	200	S
Other engineering	3,300	1,000	800	200	500	300	100

KEY: S = Data values below 100 are suppressed for reasons of respondent confidentiality and/or data reliability.
NOTE: Details may not add to totals because of rounding.
SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-72. Number of 1991 science and engineering master's degree recipients who have had a career path job since being awarded most recent degree, and number not having career path job, who are seeking one, by sex and field of degree: April 1993

Major field	Total recipients	Number having a career path job			Number not having career path job	Number of those not having a career path job who are seeking a career path job		
		Total	Male	Female		Total	Male	Female
All science and engineering fields	57,000	37,500	26,000	11,500	19,500	7,200	5,200	2,100
Major type								
Total science	36,900	22,500	13,300	9,300	14,400	5,200	3,400	1,800
Total engineering	20,100	15,000	12,700	2,300	5,100	2,000	1,800	200
Major field								
Computer and mathematical sciences, total	13,000	8,900	5,900	3,000	4,100	2,000	1,500	500
Computer science and information sciences	8,700	6,400	4,600	1,800	2,300	1,400	1,100	200
Mathematics and related sciences	4,300	2,500	1,300	1,200	1,800	600	400	200
Life and related sciences, total	6,900	4,100	2,100	2,000	2,800	900	500	300
Agricultural and food sciences	1,100	700	500	200	400	200	100	S
Biological sciences	5,300	3,000	1,400	1,600	2,300	600	400	200
Environmental life sciences including forestry sciences	500	400	200	200	100	S	S	S
Physical and related sciences, total	5,200	3,200	2,300	900	2,000	500	400	100
Chemistry, except biochemistry	1,500	900	600	300	600	100	S	S
Earth sciences, geology, and oceanography	1,900	1,600	1,100	400	400	100	100	S
Physics and astronomy	1,600	600	500	100	1,000	200	200	S
Other physical sciences	100	100	S	S	S	S	S	S
Social and related sciences, total	11,800	6,300	3,000	3,400	5,400	1,900	1,000	900
Economics	1,700	800	500	200	900	300	200	S
Political science and related sciences	1,500	800	700	200	700	300	200	S
Psychology	5,100	3,100	1,100	2,000	2,000	600	200	400
Sociology and anthropology	1,700	800	200	500	900	300	100	200
Other social sciences	1,900	1,000	500	400	900	400	200	200
Engineering, total	20,100	15,000	12,700	2,300	5,100	2,000	1,800	200
Aerospace and related engineering	1,000	700	600	S	300	S	S	S
Chemical engineering	700	400	400	S	300	S	S	S
Civil and architectural engineering	2,600	2,000	1,500	500	500	200	100	S
Electrical, electronic, computer and communications engineering	8,100	6,100	5,400	700	2,000	800	700	100
Industrial engineering	1,200	1,000	800	200	300	100	S	S
Mechanical engineering	3,100	2,300	2,000	200	800	400	400	S
Other engineering	3,500	2,600	2,000	500	900	300	300	S

KEY: S = Data values below 100 are suppressed for reasons of respondent confidentiality and/or data reliability.

NOTE: Details may not add to totals because of rounding.

SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-73. Number of employed 1991 science and engineering master's degree recipients having job closely, somewhat, and not related to degree, by field of degree: April 1993

Major field	Total employed	Relationship of degree to job		
		Closely related	Somewhat related	Not related
All science and engineering fields	51,700	35,100	12,300	4,300
Major type				
Total science	32,800	23,300	7,100	2,400
Total engineering	18,800	11,700	5,200	1,900
Major field				
Computer and mathematical sciences, total	12,100	9,000	2,600	600
Computer science and information sciences	8,100	5,900	1,800	300
Mathematics and related sciences	4,100	3,000	700	300
Life and related sciences, total	5,700	4,200	1,200	300
Agricultural and food sciences	900	700	200	S
Biological sciences	4,300	3,200	900	200
Environmental life sciences including forestry sciences	500	300	200	S
Physical and related sciences, total	4,700	3,300	1,000	400
Chemistry, except biochemistry	1,400	1,000	200	S
Earth sciences, geology, and oceanography	1,800	1,200	400	200
Physics and astronomy	1,400	900	300	S
Other physical sciences	100	100	S	S
Social and related sciences, total	10,300	6,900	2,300	1,100
Economics	1,300	800	400	S
Political science and related sciences	1,200	700	300	200
Psychology	4,600	3,200	900	500
Sociology and anthropology	1,500	900	300	200
Other social sciences	1,700	1,200	400	100
Engineering, total	18,800	11,700	5,200	1,900
Aerospace and related engineering	900	600	200	100
Chemical engineering	600	400	200	S
Civil and architectural engineering	2,300	1,900	300	100
Electrical, electronic, computer and communications engineering	7,700	4,700	2,000	1,000
Industrial engineering	1,200	700	400	S
Mechanical engineering	2,800	1,500	1,000	300
Other engineering	3,300	1,900	1,100	300

KEY: S = Data values below 100 are suppressed for reasons of respondent confidentiality and/or data reliability.
NOTE: Details may not add to totals because of rounding.
SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-74. Number of employed 1991 science and engineering master's degree recipients, by sex, race/ethnicity, and occupation: April 1993

Occupation	Total employed	Sex		Race/ethnicity				
		Male	Female	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian or Pacific Islander	American Indian/ Alaskan Native
All employed science and engineering graduates	51,700	35,900	15,800	38,200	2,200	1,700	9,400	200
Occupation type								
Total scientists	22,100	14,200	7,900	16,200	900	700	4,300	S
Total engineers	14,500	12,500	2,000	9,700	500	700	3,600	S
Total other occupations	15,100	9,200	5,800	12,200	800	400	1,600	S
Occupation								
Computer and mathematical scientists	9,800	7,200	2,600	6,400	500	200	2,700	S
Life and related scientists	3,400	1,900	1,500	2,700	100	100	500	S
Physical scientists	4,000	2,700	1,300	3,000	S	100	800	S
Social and related scientists	4,900	2,400	2,500	4,100	200	200	400	S
Engineers	14,500	12,500	2,000	9,700	500	700	3,600	S
Managers and related occupations	4,400	3,300	1,100	3,600	300	100	300	S
Health and related occupations	800	300	500	600	S	S	100	S
Educators other than S&E postsecondary	2,900	1,000	1,900	2,600	100	S	S	S
Social services and related occupations	800	300	500	600	S	S	S	S
Technicians including computer programmers	2,600	1,800	800	1,700	200	S	700	S
Sales and marketing occupations	1,400	1,000	300	1,200	S	S	200	S
Other occupations	2,300	1,400	800	1,900	100	S	300	S

KEY: S = Data values below 100 are suppressed for reasons of confidentiality and/or data reliability.

NOTE: Details may not add to totals because of rounding.

SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-75. Number of employed 1991 science and engineering master's degree recipients, by age and occupation: April 1993

Occupation	Total employed	Age				
		Less than 25	25-29	30-34	35-39	40 or more
All employed science and engineering graduates	51,700	800	24,600	14,800	6,700	4,800
Occupation type						
Total scientists	22,100	300	11,100	6,200	2,800	1,800
Total engineers	14,500	200	7,700	4,400	1,600	700
Total other occupations	15,100	300	5,900	4,300	2,400	2,300
Occupation						
Computer and mathematical scientists	9,800	S	4,600	2,800	1,400	900
Life and related scientists	3,400	S	2,000	1,000	300	S
Physical scientists	4,000	S	2,100	1,300	400	200
Social and related scientists	4,900	100	2,400	1,100	600	600
Engineers	14,500	200	7,700	4,400	1,600	700
Managers and related occupations	4,400	200	1,400	1,300	600	900
Health and related occupations	800	S	200	300	300	S
Educators other than S&E postsecondary	2,900	S	700	1,000	600	600
Social services and related occupations	800	S	300	200	200	100
Technicians including computer programmers	2,600	S	1,400	600	200	300
Sales and marketing occupations	1,400	S	800	300	200	S
Other occupations	2,300	S	1,200	500	300	200

KEY: S = Data values below 100 are suppressed for reasons of confidentiality and/or data reliability.
NOTE: Details may not add to totals because of rounding.
SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-76. Number of employed 1991 science and engineering master's degree recipients, by sector of employment and occupation: April 1993

Occupation	Total employed	Sector of employment						
		Private, for profit company	Self-employed	4-year college and university	Other educational	Nonprofit organizations	Federal government	State or local government
All employed science and engineering graduates	51,700	24,800	1,200	12,400	3,900	1,900	4,900	2,500
Occupation type								
Total scientists	22,100	8,400	400	8,400	1,100	700	1,900	1,300
Total engineers	14,500	9,500	S	2,300	S	400	1,600	500
Total other occupations	15,100	6,900	800	1,700	2,800	800	1,400	700
Occupation								
Computer and mathematical scientists	9,800	5,600	300	2,300	600	S	800	S
Life and related scientists	3,400	600	S	2,000	300	S	200	300
Physical scientists	4,000	1,700	S	1,600	S	S	400	100
Social and related scientists	4,900	500	S	2,400	200	500	400	800
Engineers	14,500	9,500	S	2,300	S	400	1,600	500
Managers and related occupations	4,400	2,300	200	400	200	200	1,000	200
Health and related occupations	800	200	200	200	S	100	S	S
Educators other than S&E postsecondary	2,900	S	S	300	2,400	S	S	S
Social services and related occupations	800	S	S	S	100	300	S	200
Technicians including computer programmers	2,600	2,000	S	500	S	S	S	S
Sales and marketing occupations	1,400	1,100	200	S	S	S	S	S
Other occupations	2,300	1,300	200	300	S	200	200	100

KEY: S = Data values below 100 are suppressed for reasons of confidentiality and/or data reliability.
NOTE: Details may not add to totals because of rounding.
SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-77. Number of employed 1991 science and engineering master's degree recipients, by sector of employment and field of degree: April 1993

Major field	Total employed	Sector of employment						
		Private, for profit company	Self-employed	4-year college and university	Other educational	Nonprofit organizations	Federal government	State or local government
All science and engineering fields	51,700	24,800	1,200	12,400	3,900	1,900	4,900	2,500
Major type								
Total science	32,800	12,300	1,100	9,500	3,900	1,500	2,600	2,000
Total engineering	18,800	12,400	200	2,900	S	300	2,400	600
Major field								
Computer and mathematical sciences, total	12,100	6,700	400	2,200	1,500	S	1,000	200
Computer science and information sciences	8,100	5,600	400	1,000	200	S	900	S
Mathematics and related sciences	4,100	1,100	S	1,200	1,300	S	200	100
Life and related sciences, total	5,700	1,300	200	2,300	1,000	S	500	300
Agricultural and food sciences	900	300	S	400	S	S	100	S
Biological sciences	4,300	800	200	1,800	900	S	300	300
Environmental life sciences including forestry sciences	500	100	S	S	S	S	S	S
Physical and related sciences, total	4,700	1,900	S	1,700	300	200	400	100
Chemistry, except biochemistry	1,400	600	S	500	100	S	S	S
Earth sciences, geology, and oceanography	1,800	1,000	S	300	S	S	300	S
Physics and astronomy	1,400	300	S	800	S	S	S	S
Other physical sciences	100	S	S	S	S	S	S	S
Social and related sciences, total	10,300	2,400	400	3,200	1,000	1,200	600	1,400
Economics	1,300	600	S	400	S	S	100	S
Political science and related sciences	1,200	200	S	400	S	S	300	S
Psychology	4,600	1,100	200	1,300	200	900	100	700
Sociology and anthropology	1,500	200	S	700	200	200	S	200
Other social sciences	1,700	300	100	400	500	100	S	300
Engineering, total	18,800	12,400	200	2,900	S	300	2,400	600
Aerospace and related engineering	900	400	S	200	S	S	300	S
Chemical engineering	600	400	S	200	S	S	S	S
Civil and architectural engineering	2,300	1,500	S	200	S	S	300	200
Electrical, electronic, computer and communications engineering	7,700	5,200	S	1,200	S	200	900	100
Industrial engineering	1,200	700	S	200	S	S	200	S
Mechanical engineering	2,800	2,000	S	500	S	S	200	S
Other engineering	3,300	2,200	S	500	S	S	400	S

KEY: S = Data values below 100 are suppressed for reasons of respondent confidentiality and/or data reliability.

NOTE: Details may not add to totals because of rounding.

SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-78. Number of employed 1991 science and engineering master's degree recipients, by primary work activity and field of degree: April 1993

Major field	Total employed	Primary work activity				
		Research and development (R&D)	Computer applications	Manage-ment, sales, admini-stration	Teaching	Other
All science and engineering fields	51,700	19,300	10,900	8,200	7,400	5,800
Major type						
Total science	32,800	10,100	6,600	4,900	6,800	4,400
Total engineering	18,800	9,200	4,300	3,400	600	1,400
Major field						
Computer and mathematical sciences, total	12,100	2,500	5,300	1,600	2,400	300
Computer science and information sciences	8,100	1,200	4,700	1,500	600	100
Mathematics and related sciences	4,100	1,300	600	100	1,800	200
Life and related sciences, total	5,700	2,600	200	800	1,400	700
Agricultural and food sciences	900	600	S	200	S	S
Biological sciences	4,300	1,800	100	500	1,300	600
Environmental life sciences including forestry sciences	500	100	S	200	S	S
Physical and related sciences, total	4,700	2,700	500	600	500	400
Chemistry, except biochemistry	1,400	1,000	S	100	200	S
Earth sciences, geology, and oceanography	1,800	900	200	400	100	300
Physics and astronomy	1,400	800	200	S	300	S
Other physical sciences	100	100	S	S	S	S
Social and related sciences, total	10,300	2,300	700	1,800	2,400	3,000
Economics	1,300	400	200	400	200	S
Political science and related sciences	1,200	200	S	300	400	200
Psychology	4,600	800	200	600	800	2,200
Sociology and anthropology	1,500	500	100	300	400	300
Other social sciences	1,700	400	200	300	700	200
Engineering, total	18,800	9,200	4,300	3,400	600	1,400
Aerospace and related engineering	900	500	200	200	S	S
Chemical engineering	600	400	S	100	S	S
Civil and architectural engineering	2,300	1,200	300	400	S	400
Electrical, electronic, computer and communications engineering	7,700	3,500	2,700	1,100	200	300
Industrial engineering	1,200	400	200	400	S	S
Mechanical engineering	2,800	1,700	500	400	S	200
Other engineering	3,300	1,500	400	900	100	300

KEY: S = Data values below 100 are suppressed for reasons of respondent confidentiality and/or data reliability.

NOTE: Primary work activity is defined as activity in which respondent worked most hours on job in typical work week. Details may not add to totals because of rounding.

SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-79. Number of employed 1991 science and engineering master's degree recipients, by primary work activity and occupation: April 1993

Occupation	Total employed	Primary work activity				
		Research and development (R&D)	Computer applications	Management, sales, administration	Teaching	Other
All employed science and engineering graduates	51,700	19,300	10,900	8,200	7,400	5,800
Occupation type						
Total scientists	22,100	9,000	5,600	1,600	3,600	2,300
Total engineers	14,500	8,500	2,600	2,000	400	1,000
Total other occupations	15,100	1,800	2,700	4,700	3,400	2,500
Occupation						
Computer and mathematical scientists	9,800	2,500	5,100	800	1,400	S
Life and related scientists	3,400	2,100	S	300	700	200
Physical scientists	4,000	2,600	300	400	400	300
Social and related scientists	4,900	1,800	100	100	1,100	1,700
Engineers	14,500	8,500	2,600	2,000	400	1,000
Managers and related occupations	4,400	300	400	3,100	300	400
Health and related occupations	800	100	S	S	S	500
Educators other than S&E postsecondary	2,900	200	S	S	2,700	S
Social services and related occupations	800	S	S	S	S	600
Technicians including computer programmers	2,600	800	1,600	S	S	100
Sales and marketing occupations	1,400	200	S	1,000	S	100
Other occupations	2,300	200	600	500	300	800

KEY: S = Data values below 100 are suppressed for reasons of respondent confidentiality and/or data reliability.

NOTE: Primary work activity is defined as activity in which respondent worked most hours on job in typical work week. Details may not add to totals because of rounding.

SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-80. Number of employed 1991 science and engineering master's degree recipients whose work is supported by federal government, and agency giving support, by field of degree: April 1993

Major field	Total employed	Number whose work is supported by federal government	Agency supporting work							
			Department of Defense	Department of Education	Department of Energy	EPA	NASA	NIH	NSF	Other
All science and engineering fields	51,700	10,600	3,900	300	1,300	600	900	1,400	1,400	500
Major type										
Total science	32,800	6,100	1,200	300	600	500	200	1,200	1,100	400
Total engineering	18,800	4,500	2,700	S	700	S	600	200	300	200
Major field										
Computer and mathematical sciences, total	12,100	1,700	700	S	100	S	S	100	400	100
Computer science and information sciences	8,100	1,100	500	S	100	S	S	S	200	100
Mathematics and related sciences	4,100	600	200	S	S	S	S	S	100	S
Life and related sciences, total	5,700	1,400	100	S	S	200	S	600	100	S
Agricultural and food sciences	900	200	S	S	S	S	S	S	S	S
Biological sciences	4,300	1,100	S	S	S	200	S	600	S	S
Environmental life sciences including forestry sciences	500	S	S	S	S	S	S	S	S	S
Physical and related sciences, total	4,700	1,300	200	S	400	100	100	200	500	S
Chemistry, except biochemistry	1,400	400	S	S	S	S	S	200	200	S
Earth sciences, geology, and oceanography	1,800	400	100	S	100	S	S	S	S	S
Physics and astronomy	1,400	500	100	S	200	S	S	S	200	S
Other physical sciences	100	S	S	S	S	S	S	S	S	S
Social and related sciences, total	10,300	1,700	100	200	S	S	S	300	100	200
Economics	1,300	200	S	S	S	S	S	S	S	S
Political science and related sciences	1,200	S	S	S	S	S	S	S	S	S
Psychology	4,600	900	100	S	S	S	S	200	S	100
Sociology and anthropology	1,500	400	S	S	S	S	S	S	S	S
Other social sciences	1,700	200	S	S	S	S	S	S	S	S
Engineering, total	18,800	4,500	2,700	S	700	S	600	200	300	200
Aerospace and related engineering	900	300	200	S	S	S	100	S	S	S
Chemical engineering	600	100	S	S	S	S	S	S	S	S
Civil and architectural engineering	2,300	600	300	S	200	S	S	S	S	S
Electrical, electronic, computer and communications engineering	7,700	1,900	1,400	S	S	S	200	S	100	100
Industrial engineering	1,200	100	S	S	S	S	S	S	S	S
Mechanical engineering	2,800	800	500	S	200	S	200	S	S	S
Other engineering	3,300	700	300	S	200	S	S	S	S	S

KEY: S = Data values below 100 are suppressed for reasons of respondent confidentiality and/or data reliability.

NOTE: Respondent's work may be supported by more than one federal agency. Details may not add to totals because of rounding.

SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-81. Median salary of full-time employed 1991 master's degree recipients, by sex, race/ethnicity, and field of degree: April 1993

Major field	Total	Sex		Race/ethnicity				
		Male	Female	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian or Pacific Islander	American Indian/ Alaskan Native
All science and engineering fields	$39,000	$40,200	$32,000	$39,000	$40,000	$40,000	$39,600	$42,000
Major type								
Total science	33,500	35,000	30,000	33,000	35,000	30,000	36,000	S
Total engineering	44,000	44,000	44,400	45,000	52,000	46,000	41,000	S
Major field								
Computer and mathematical sciences, total	40,000	40,000	37,600	40,000	S	S	39,000	S
Computer science and information sciences	41,000	41,000	41,000	42,000	S	S	37,600	S
Mathematics and related sciences	34,000	36,500	32,000	33,000	S	S	S	S
Life and related sciences, total	29,000	29,000	29,000	29,000	S	S	S	S
Agricultural and food sciences	30,000	30,000	29,000	30,000	S	S	S	S
Biological sciences	28,500	28,000	29,000	28,000	S	S	S	S
Environmental life sciences including forestry sciences	39,000	S	S	39,000	S	S	S	S
Physical and related sciences, total	34,000	35,000	31,000	35,000	S	S	31,000	S
Chemistry, except biochemistry	33,000	34,900	26,000	34,900	S	S	30,000	S
Earth sciences, geology, and oceanography	36,000	36,000	36,000	36,000	S	S	S	S
Physics and astronomy	33,000	34,600	S	37,000	S	S	S	S
Other physical sciences	S	S	S	S	S	S	S	S
Social and related sciences, total	28,000	29,500	26,400	28,000	S	S	S	S
Economics	32,000	32,000	S	33,500	S	S	S	S
Political science and related sciences	S	S	S	S	S	S	S	S
Psychology	26,000	25,500	26,000	25,500	S	S	S	S
Sociology and anthropology	26,000	S	25,000	25,000	S	S	S	S
Other social sciences	31,000	S	S	31,000	S	S	S	S
Engineering, total	44,000	44,000	44,400	45,000	52,000	46,000	41,000	S
Aerospace and related engineering	40,000	41,000	S	40,000	S	S	S	S
Chemical engineering	46,000	46,000	S	46,500	S	S	S	S
Civil and architectural engineering	41,100	41,100	41,400	42,500	S	S	39,000	S
Electrical, electronic, computer and communications engineering	45,000	45,000	S	48,000	S	S	42,500	S
Industrial engineering	44,300	44,300	44,000	45,700	S	S	41,600	S
Mechanical engineering	42,000	42,000	S	44,000	S	S	40,000	S
Other engineering	43,000	44,000	43,000	44,000	S	S	35,000	S

KEY: S = Data are suppressed for reasons of respondent confidentiality and/or data reliability. Unweighted cell size is less than 20.

NOTE: Salary for self-employed persons and for full-time students is not included in data presented in table.

SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993.

Table B-82. Median salary of full-time employed 1991 master's degree recipients by sex, race/ethnicity, and occupation: April 1993

Occupation	Total	Sex		Race/ethnicity				
		Male	Female	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian or Pacific Islander	American Indian/ Alaskan Native
All employed science and engineering graduates	$39,000	$40,200	$32,000	$39,000	$40,000	$40,000	$39,600	S
Occupation type								
Total scientists	36,000	39,000	30,000	36,000	S	S	36,000	S
Total engineers	44,000	44,000	45,000	45,000	S	47,000	41,700	S
Total other occupations	33,000	35,000	30,000	33,000	32,000	S	39,000	S
Occupation								
Computer and mathematical scientists	41,000	41,000	40,000	42,000	S	S	39,600	S
Life and related scientists	28,300	28,000	28,300	28,000	S	S	S	S
Physical scientists	34,000	36,000	31,000	36,000	S	S	32,000	S
Social and related scientists	27,000	28,000	26,400	27,000	S	S	S	S
Engineers	44,000	44,000	45,000	45,000	S	47,000	41,700	S
Managers and related occupations	40,000	42,000	33,000	42,000	S	S	S	S
Health and related occupations	S	S	S	S	S	S	S	S
Educators other than S&E postsecondary	29,000	30,000	28,000	29,000	S	S	S	S
Social services and related occupations	S	S	S	S	S	S	S	S
Technicians including computer programmers	39,000	39,000	S	35,000	S	S	S	S
Sales and marketing occupations	38,000	30,000	S	38,000	S	S	S	S
Other occupations	30,000	30,100	26,000	30,100	S	S	S	S

1/ Health-related majors are not included in sample. Salaries are not representative of those received by health-related occupations.

KEY: S = Data are suppressed for reasons of respondent confidentiality and/or data reliability. Unweighted cell size is less than 20.

NOTE: Salary for self-employed persons and for full-time students is not included in data presented in table.

SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-83. Median salary of full-time employed 1991 master's degree recipients, by broad sector of employment and field of degree: April 1993

Major field	Total	Broad sector of employment		
		Private industry and business 1/	Educational institution	Government
All science and engineering fields	$39,000	$42,000	$28,700	$40,000
Major type				
Total science	33,500	38,000	28,400	32,400
Total engineering	44,000	44,000	35,000	45,000
Major field				
Computer and mathematical sciences, total	40,000	42,000	34,000	S
Computer science and information sciences	41,000	42,000	S	S
Mathematics and related sciences	34,000	40,000	31,200	S
Life and related sciences, total	29,000	36,000	27,000	29,500
Agricultural and food sciences	30,000	34,000	24,500	S
Biological sciences	28,500	37,000	27,000	S
Environmental life sciences including forestry sciences	39,000	S	S	S
Physical and related sciences, total	34,000	38,400	26,500	32,000
Chemistry, except biochemistry	33,000	36,500	21,000	S
Earth sciences, geology, and oceanography	36,000	38,000	S	S
Physics and astronomy	33,000	45,000	S	S
Other physical sciences	S	S	S	S
Social and related sciences, total	28,000	27,000	27,500	30,000
Economics	32,000	30,000	S	S
Political science and related sciences	S	S	S	S
Psychology	26,000	25,000	S	27,000
Sociology and anthropology	26,000	24,000	S	S
Other social sciences	31,000	S	S	S
Engineering, total	44,000	44,000	35,000	45,000
Aerospace and related engineering	40,000	39,700	S	42,000
Chemical engineering	46,000	46,000	S	S
Civil and architectural engineering	41,100	40,100	S	41,700
Electrical, electronic, computer and communications engineering	45,000	45,000	S	S
Industrial engineering	44,300	45,000	S	44,000
Mechanical engineering	42,000	43,200	S	S
Other engineering	43,000	45,000	S	43,000

1/ Nonprofit included with private industry and business

KEY: S = Data are suppressed for reasons of respondent confidentiality and/or data reliability. Unweighted cell size is less than 20.

NOTE: Salary for self-employed persons and for full-time students is not included in data presented in table.

SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993.

Table B-84. Median salary of full-time employed 1991 master's degree recipients, by broad sector of employment and occupation: April 1993

Occupation	Total	Broad sector of employment		
		Private industry and business 1/	Educational institution	Government
All employed science and engineering graduates	$39,000	$42,000	$28,700	$40,000
Occupation type				
Total scientists	36,000	40,000	28,000	33,500
Total engineers	44,000	44,000	35,000	45,000
Total other occupations	33,000	37,600	29,000	38,000
Occupation				
Computer and mathematical scientists	41,000	42,000	35,000	41,000
Life and related scientists	28,300	36,000	24,000	29,100
Physical scientists	34,000	38,000	25,000	33,000
Social and related scientists	27,000	25,500	27,000	28,700
Engineers	44,000	44,000	35,000	45,000
Managers and related occupations	40,000	40,000	S	49,000
Health and related occupations 1/	S	S	S	S
Educators other than S&E postsecondary	29,000	S	29,000	S
Social services and related occupations	S	S	S	S
Technicians including computer programmers	39,000	39,100	S	S
Sales and marketing occupations	38,000	38,000	S	S
Other occupations	30,000	30,000	S	S

1/ Nonprofit included with private industry and business

2/ Health-related majors are not included in sample. Salaries are not representative of those received by health related occupations.

KEY: S = Data are suppressed for reasons of respondent confidentiality and/or data reliability. Unweighted cell size is less than 20.

NOTE: Salary for self-employed persons and for full-time students is not included in data presented in table.

SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-85. Number of 1992 science and engineering master's degree recipients, by race/ethnicity, sex, and field of degree: April 1993

Major field	Total recipients	Sex		Race/ethnicity				
		Male	Female	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian or Pacific Islander	American Indian/ Alaskan Native
All science and engineering fields	58,600	37,900	20,700	41,500	2,200	1,800	13,100	200
Major type								
Total science	37,700	20,400	17,400	27,800	1,700	1,100	7,000	100
Total engineering	20,900	17,600	3,300	13,700	400	700	6,100	S
Major field								
Computer and mathematical sciences, total	11,100	7,400	3,700	6,900	400	200	3,600	S
Computer science and information sciences	7,100	5,300	1,800	4,100	300	100	2,700	S
Mathematics and related sciences	3,900	2,100	1,900	2,800	100	S	900	S
Life and related sciences, total	6,300	3,100	3,200	4,800	300	200	1,000	S
Agricultural and food sciences	900	500	400	700	S	S	100	S
Biological sciences	4,800	2,300	2,600	3,600	300	100	800	S
Environmental life sciences including forestry sciences	500	300	200	500	S	S	S	S
Physical and related sciences, total	5,400	3,900	1,600	3,800	200	100	1,300	S
Chemistry, except biochemistry	1,500	800	700	1,000	S	S	500	S
Earth sciences, geology, and oceanography	1,600	1,200	400	1,400	S	S	100	S
Physics and astronomy	2,100	1,700	400	1,400	100	S	500	S
Other physical sciences	200	100	100	S	S	S	200	S
Social and related sciences, total	14,900	6,000	8,900	12,200	800	600	1,200	S
Economics	2,100	1,400	700	1,400	100	S	500	S
Political science and related sciences	3,200	1,800	1,400	2,700	400	100	S	S
Psychology	6,400	1,700	4,700	5,700	S	300	400	S
Sociology and anthropology	1,800	700	1,100	1,300	100	S	200	S
Other social sciences	1,400	500	1,000	1,100	100	S	S	S
Engineering, total	20,900	17,600	3,300	13,700	400	700	6,100	S
Aerospace and related engineering	1,000	900	S	800	S	S	100	S
Chemical engineering	900	800	200	600	S	100	200	S
Civil and architectural engineering	2,400	1,900	500	1,700	S	100	500	S
Electrical, electronic, computer and communications engineering	7,600	6,700	900	4,800	200	S	2,500	S
Industrial engineering	1,400	1,000	300	800	S	S	500	S
Mechanical engineering	3,300	3,000	300	1,900	S	100	1,300	S
Other engineering	4,400	3,300	1,100	3,100	100	200	900	S

KEY: S = Data values below 100 are suppressed for reasons of respondent confidentiality and/or data reliability.

NOTE: Details may not add to totals because of rounding.

SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-86. Number of 1992 science and engineering master's degree recipients, by race/ethnicity, sex, and field of degree: April 1993

Major field	Race/ethnicity									
	White, non-Hispanic		Black, non-Hispanic		Hispanic		Asian or Pacific Islander		American Indian/ Alaskan Native	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
All science and engineering fields	26,100	15,400	1,100	1,000	1,000	700	9,600	3,400	S	S
Major type										
Total science	14,400	13,400	800	900	500	600	4,600	2,400	S	S
Total engineering	11,600	2,100	300	100	500	100	5,100	1,000	S	S
Major field										
Computer and mathematical sciences, total	4,200	2,700	300	S	S	S	2,800	800	S	S
Computer science and information sciences	2,700	1,400	200	S	S	S	2,300	300	S	S
Mathematics and related sciences	1,500	1,400	S	S	S	S	500	400	S	S
Life and related sciences, total	2,400	2,400	200	200	100	S	500	500	S	S
Agricultural and food sciences	400	300	S	S	S	S	S	S	S	S
Biological sciences	1,700	1,900	100	200	S	S	400	400	S	S
Environmental life sciences including forestry sciences	300	200	S	S	S	S	S	S	S	S
Physical and related sciences, total	2,800	1,100	100	S	S	S	900	400	S	S
Chemistry, except biochemistry	500	400	S	S	S	S	300	200	S	S
Earth sciences, geology, and oceanography	1,100	300	S	S	S	S	100	S	S	S
Physics and astronomy	1,100	300	S	S	S	S	400	S	S	S
Other physical sciences	S	S	S	S	S	S	S	100	S	S
Social and related sciences, total	5,100	7,100	300	600	300	400	400	800	S	S
Economics	1,000	500	S	S	S	S	300	200	S	S
Political science and related sciences	1,600	1,000	100	200	S	S	S	S	S	S
Psychology	1,500	4,200	S	S	S	200	S	300	S	S
Sociology and anthropology	600	800	S	100	S	S	S	200	S	S
Other social sciences	400	700	S	100	S	S	S	S	S	S
Engineering, total	11,600	2,100	300	100	500	100	5,100	1,000	S	S
Aerospace and related engineering	700	S	S	S	S	S	100	S	S	S
Chemical engineering	500	100	S	S	S	S	200	S	S	S
Civil and architectural engineering	1,400	400	S	S	100	S	400	100	S	S
Electrical, electronic, computer and communications engineering	4,500	300	100	S	S	S	2,100	400	S	S
Industrial engineering	600	200	S	S	S	S	400	100	S	S
Mechanical engineering	1,700	200	S	S	100	S	1,200	S	S	S
Other engineering	2,300	800	S	S	200	S	700	200	S	S

KEY: S = Data values below 100 are suppressed for reasons of respondent confidentiality and/or data reliability.
NOTE: Details may not add to totals because of rounding.
SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-87. Number of 1992 science and engineering master's degree recipients, by age and field of degree: April 1993

Major field	Total recipients	Age				
		Less than 25	25-29	30-34	35-39	40 or more
All science and engineering fields	58,600	4,800	28,800	13,000	6,800	5,300
Major type						
Total science	37,700	2,900	17,600	7,500	5,100	4,600
Total engineering	20,900	1,900	11,100	5,500	1,700	700
Major field						
Computer and mathematical sciences, total	11,100	700	4,600	2,600	1,600	1,500
Computer science and information sciences	7,100	300	3,000	1,600	1,200	1,000
Mathematics and related sciences	3,900	500	1,600	1,000	400	500
Life and related sciences, total	6,300	200	3,300	1,200	800	800
Agricultural and food sciences	900	S	600	100	200	S
Biological sciences	4,800	200	2,500	1,000	500	700
Environmental life sciences including forestry sciences	500	S	200	200	S	S
Physical and related sciences, total	5,400	400	2,600	1,400	800	300
Chemistry, except biochemistry	1,500	200	700	300	200	S
Earth sciences, geology, and oceanography	1,600	S	500	600	300	100
Physics and astronomy	2,100	200	1,200	400	200	S
Other physical sciences	200	S	100	S	S	S
Social and related sciences, total	14,900	1,500	7,200	2,300	1,900	2,100
Economics	2,100	300	900	500	300	100
Political science and related sciences	3,200	200	1,500	600	700	100
Psychology	6,400	900	3,400	600	500	1,000
Sociology and anthropology	1,800	S	700	400	200	300
Other social sciences	1,400	S	700	100	100	400
Engineering, total	20,900	1,900	11,100	5,500	1,700	700
Aerospace and related engineering	1,000	200	500	200	S	S
Chemical engineering	900	S	600	100	S	S
Civil and architectural engineering	2,400	200	1,300	700	200	S
Electrical, electronic, computer and communications engineerin	7,600	700	4,200	1,900	700	100
Industrial engineering	1,400	200	700	300	100	S
Mechanical engineering	3,300	300	2,000	800	200	S
Other engineering	4,400	300	2,000	1,300	400	400

KEY: S = Data values below 100 are suppressed for reasons of respondent confidentiality and/or data reliability.

NOTE: Details may not add to totals because of rounding.

SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-88. Number of 1992 science and engineering master's degree recipients residing in the United States who are U.S. citizens, foreign born, and number who attended a foreign high school, by field of degree: April 1993

Major field	Total recipients	U.S. citizens	Foreign born	Attended foreign high school
All science and engineering fields	58,600	45,200	17,100	14,600
Major type				
Total science	37,700	29,800	9,600	8,600
Total engineering	20,900	15,400	7,500	6,000
Major field				
Computer and mathematical sciences, total	11,100	7,300	4,400	4,100
Computer science and information sciences	7,100	4,400	3,200	3,000
Mathematics and related sciences	3,900	2,900	1,200	1,100
Life and related sciences, total	6,300	5,200	1,400	1,200
Agricultural and food sciences	900	700	200	200
Biological sciences	4,800	4,000	1,100	900
Environmental life sciences including forestry sciences	500	500	S	S
Physical and related sciences, total	5,400	3,900	1,700	1,500
Chemistry, except biochemistry	1,500	1,000	600	500
Earth sciences, geology, and oceanography	1,600	1,400	200	200
Physics and astronomy	2,100	1,400	800	700
Other physical sciences	200	S	200	200
Social and related sciences, total	14,900	13,300	2,100	1,800
Economics	2,100	1,400	800	800
Political science and related sciences	3,200	3,100	200	300
Psychology	6,400	6,100	500	300
Sociology and anthropology	1,800	1,500	300	300
Other social sciences	1,400	1,300	200	200
Engineering, total	20,900	15,400	7,500	6,000
Aerospace and related engineering	1,000	800	200	100
Chemical engineering	900	600	400	300
Civil and architectural engineering	2,400	1,700	800	800
Electrical, electronic, computer and communications engineering	7,600	5,800	2,800	2,000
Industrial engineering	1,400	900	600	500
Mechanical engineering	3,300	2,000	1,500	1,300
Other engineering	4,400	3,600	1,200	800

KEY: S = Data values below 100 are suppressed for reasons of respondent confidentiality and/or data reliability.

NOTE: Details may not add to totals because of rounding.

SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-89. Number of 1992 science and engineering master's degree recipients residing in the United States who are native-born or naturalized U.S. citizens, and number who are permanent or temporary residents, by field of degree: April 1993

Major field	Total recipients	U.S. citizen		Non-U.S. citizen	
		Native born	Naturalized	Permanent resident	Temporary resident/ other
All science and engineering fields	58,600	42,400	2,800	3,500	10,000
Major type					
Total science	37,700	28,600	1,200	2,100	5,800
Total engineering	20,900	13,800	1,600	1,300	4,200
Major field					
Computer and mathematical sciences, total	11,100	6,900	400	1,100	2,700
Computer science and information sciences	7,100	4,100	300	800	1,900
Mathematics and related sciences	3,900	2,800	200	200	800
Life and related sciences, total	6,300	5,000	200	400	700
Agricultural and food sciences	900	700	S	S	200
Biological sciences	4,800	3,800	200	300	500
Environmental life sciences including forestry sciences	500	500	S	S	S
Physical and related sciences, total	5,400	3,700	200	300	1,200
Chemistry, except biochemistry	1,500	900	S	100	400
Earth sciences, geology, and oceanography	1,600	1,400	S	S	100
Physics and astronomy	2,100	1,300	S	100	600
Other physical sciences	200	S	S	S	200
Social and related sciences, total	14,900	13,000	300	500	1,100
Economics	2,100	1,400	S	100	600
Political science and related sciences	3,200	3,000	S	S	S
Psychology	6,400	5,900	100	100	200
Sociology and anthropology	1,800	1,500	S	S	200
Other social sciences	1,400	1,200	S	S	S
Engineering, total	20,900	13,800	1,600	1,300	4,200
Aerospace and related engineering	1,000	800	S	S	100
Chemical engineering	900	600	S	S	300
Civil and architectural engineering	2,400	1,600	S	100	500
Electrical, electronic, computer and communications engineering	7,600	5,000	900	500	1,200
Industrial engineering	1,400	800	S	S	400
Mechanical engineering	3,300	1,800	200	300	1,000
Other engineering	4,400	3,300	300	200	600

KEY: S = Data values below 100 are suppressed for reasons of respondent confidentiality and/or data reliability.
NOTE: Details may not add to totals because of rounding.
SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-90. Number of 1992 science and engineering master's degree recipients who received financial support from various sources for 1992 master's degree, by field of degree: April 1993

Major field	Total recipients	Sources of support							
		Earnings from employment	Gifts from parents/ relatives	Scholarships, grants, fellowships	Loans from college, bank, government	Assistantships, work study	Employee assistance	Loans from parents or relatives	Other sources
All science and engineering fields	58,600	31,500	16,500	30,100	12,000	29,200	17,900	2,900	2,000
Major type									
Total science	37,700	20,800	11,500	20,100	9,700	19,600	9,500	2,100	1,500
Total engineering	20,900	10,700	5,000	10,000	2,300	9,600	8,400	800	500
Major field									
Computer and mathematical sciences, total	11,100	5,600	2,600	4,900	1,200	4,700	4,100	600	400
Computer science and information sciences	7,100	3,400	1,900	2,600	700	2,300	3,200	500	200
Mathematics and related sciences	3,900	2,200	700	2,300	500	2,400	1,000	100	200
Life and related sciences, total	6,300	3,300	2,200	3,600	1,800	3,600	1,400	200	200
Agricultural and food sciences	900	500	300	600	200	700	300	S	S
Biological sciences	4,800	2,500	1,700	2,800	1,400	2,800	1,000	200	200
Environmental life sciences including forestry sciences	500	300	200	300	200	100	200	S	S
Physical and related sciences, total	5,400	2,600	1,200	3,800	1,200	4,100	1,400	200	100
Chemistry, except biochemistry	1,500	600	200	1,000	300	1,000	400	S	S
Earth sciences, geology, and oceanography	1,600	1,000	400	1,100	500	1,100	500	S	S
Physics and astronomy	2,100	800	400	1,500	400	1,700	400	S	S
Other physical sciences	200	200	200	200	S	200	100	S	S
Social and related sciences, total	14,900	9,400	5,600	7,800	5,500	7,200	2,500	1,000	700
Economics	2,100	1,200	600	1,200	400	1,300	500	S	S
Political science and related sciences	3,200	2,100	900	1,800	1,400	1,200	700	300	200
Psychology	6,400	4,000	3,100	3,100	2,900	3,200	900	400	300
Sociology and anthropology	1,800	1,200	600	1,200	500	1,200	200	200	S
Other social sciences	1,400	1,000	300	500	300	400	300	S	S
Engineering, total	20,900	10,700	5,000	10,000	2,300	9,600	8,400	800	500
Aerospace and related engineering	1,000	400	200	400	100	400	400	S	S
Chemical engineering	900	400	200	600	100	500	400	S	S
Civil and architectural engineering	2,400	1,300	700	1,300	400	1,400	600	200	S
Electrical, electronic, computer and communications engineering	7,600	4,200	1,700	3,300	600	2,700	3,300	200	200
Industrial engineering	1,400	800	400	700	200	700	400	S	S
Mechanical engineering	3,300	1,300	1,000	1,600	300	2,000	1,100	300	100
Other engineering	4,400	2,300	900	2,100	500	2,000	2,200	S	100

KEY: S = Data values below 100 are suppressed for reasons of respondent confidentiality and/or data reliability.

NOTE: Respondents may have multiple sources of support. Therefore, column entries will not add to "Total recipients."

SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-91. Number of 1992 science and engineering master's degree recipients who have taken additional courses since most recent degree, and enrollment status on April 15, 1993, by field of degree: April 1993

Major field	Total recipients	Have taken additional courses since most recent degree 1/	April 15, 1993 status		
			Full-time student	Part-time student	Not student
All science and engineering fields	58,600	24,000	14,800	3,800	40,100
Major type					
Total science	37,700	16,200	10,800	2,200	24,800
Total engineering	20,900	7,800	4,000	1,600	15,300
Major field					
Computer and mathematical sciences, total	11,100	3,400	1,800	500	8,800
Computer science and information sciences	7,100	1,600	700	200	6,200
Mathematics and related sciences	3,900	1,800	1,100	300	2,500
Life and related sciences, total	6,300	2,900	1,900	300	4,100
Agricultural and food sciences	900	500	300	S	600
Biological sciences	4,800	2,300	1,600	200	3,100
Environmental life sciences including forestry sciences	500	100	S	S	500
Physical and related sciences, total	5,400	2,900	2,200	200	3,000
Chemistry, except biochemistry	1,500	800	500	S	900
Earth sciences, geology, and oceanography	1,600	600	300	S	1,200
Physics and astronomy	2,100	1,500	1,300	S	700
Other physical sciences	200	100	S	S	100
Social and related sciences, total	14,900	7,000	4,800	1,200	8,800
Economics	2,100	1,000	700	200	1,200
Political science and related sciences	3,200	1,100	700	300	2,200
Psychology	6,400	3,200	2,300	500	3,600
Sociology and anthropology	1,800	1,100	800	100	800
Other social sciences	1,400	500	300	S	1,100
Engineering, total	20,900	7,800	4,000	1,600	15,300
Aerospace and related engineering	1,000	400	300	S	600
Chemical engineering	900	400	300	S	500
Civil and architectural engineering	2,400	800	400	200	1,800
Electrical, electronic, computer and communications engineering	7,600	3,100	1,400	700	5,500
Industrial engineering	1,400	400	200	S	1,100
Mechanical engineering	3,300	1,200	700	200	2,400
Other engineering	4,400	1,600	800	300	3,300

1/ Excludes those receiving a degree between April 15 and date of interview (May-November 1993)

KEY: S = Data values below 100 are suppressed for reasons of respondent confidentiality and/or data reliability.

NOTE: Details may not add to totals because of rounding.

SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-92. Number of 1992 science and engineering master's degree recipients who have not taken courses since most recent degree, and likelihood they will take additional courses, by field of degree: April 1993

Major field	Total number not taking courses since most recent degree 1/	Likelihood will take classes		
		Very likely	Somewhat likely	Very unlikely
All science and engineering fields	32,600	19,600	10,100	2,900
Major type				
Total science	20,000	12,200	6,200	1,600
Total engineering	12,600	7,400	3,900	1,300
Major field				
Computer and mathematical sciences, total	7,300	4,300	2,400	600
Computer science and information sciences	5,300	3,000	2,000	400
Mathematics and related sciences	1,900	1,300	400	200
Life and related sciences, total	3,100	1,800	1,000	300
Agricultural and food sciences	400	200	200	S
Biological sciences	2,400	1,400	700	200
Environmental life sciences including forestry sciences	400	200	100	S
Physical and related sciences, total	2,400	1,400	700	200
Chemistry, except biochemistry	700	500	200	S
Earth sciences, geology, and oceanography	1,000	500	300	200
Physics and astronomy	600	400	100	S
Other physical sciences	100	S	S	S
Social and related sciences, total	7,200	4,700	2,100	400
Economics	900	500	300	100
Political science and related sciences	2,000	1,600	400	S
Psychology	2,900	2,000	800	200
Sociology and anthropology	600	300	200	S
Other social sciences	800	300	400	S
Engineering, total	12,600	7,400	3,900	1,300
Aerospace and related engineering	500	400	100	S
Chemical engineering	500	200	200	S
Civil and architectural engineering	1,600	1,000	500	100
Electrical, electronic, computer and communications engineering	4,400	2,600	1,300	500
Industrial engineering	900	500	400	S
Mechanical engineering	2,000	1,200	700	100
Other engineering	2,600	1,600	600	400

1/ Excludes those receiving a degree between April 15 and date of interview (May-November 1993)

KEY: S = Data values below 100 are suppressed for reasons of respondent confidentiality and/or data reliability.

NOTE: Details may not add to totals because of rounding.

SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-93. Number of 1992 science and engineering master's degree recipients who have taken courses since most recent degree, and type of degree sought, by field of degree: April 1993

Major field	Total recipients	Have taken additional courses since most recent degree 1/	Types of degree sought				
			No specific degree	Ph.D. degree	Prof degree	MA degree	Other or BA degree
All science and engineering fields	58,600	24,000	4,600	16,100	600	2,100	700
Major type							
Total science	37,700	16,200	2,800	11,000	400	1,400	600
Total engineering	20,900	7,800	1,800	5,100	200	700	S
Major field							
Computer and mathematical sciences, total	11,100	3,400	1,100	1,800	S	300	200
Computer science and information sciences	7,100	1,600	600	700	S	200	S
Mathematics and related sciences	3,900	1,800	500	1,100	S	100	100
Life and related sciences, total	6,300	2,900	500	2,000	200	100	100
Agricultural and food sciences	900	500	100	400	S	S	S
Biological sciences	4,800	2,300	300	1,500	200	100	S
Environmental life sciences including forestry sciences	500	100	S	S	S	S	S
Physical and related sciences, total	5,400	2,900	200	2,300	S	300	S
Chemistry, except biochemistry	1,500	800	S	600	S	S	S
Earth sciences, geology, and oceanography	1,600	600	100	300	S	S	S
Physics and astronomy	2,100	1,500	S	1,300	S	100	S
Other physical sciences	200	100	S	S	S	S	S
Social and related sciences, total	14,900	7,000	1,000	5,000	100	600	300
Economics	2,100	1,000	200	600	S	S	S
Political science and related sciences	3,200	1,100	100	900	S	S	S
Psychology	6,400	3,200	400	2,300	S	400	100
Sociology and anthropology	1,800	1,100	100	900	S	S	S
Other social sciences	1,400	500	200	200	S	S	S
Engineering, total	20,900	7,800	1,800	5,100	200	700	S
Aerospace and related engineering	1,000	400	S	300	S	S	S
Chemical engineering	900	400	S	400	S	S	S
Civil and architectural engineering	2,400	800	200	500	S	S	S
Electrical, electronic, computer and communications engineering	7,600	3,100	800	2,000	S	300	S
Industrial engineering	1,400	400	100	200	S	S	S
Mechanical engineering	3,300	1,200	100	800	S	100	S
Other engineering	4,400	1,600	400	900	S	200	S

1/ Excludes those receiving a degree between April 15 and date of interview (May-November 1993)

KEY: S = Data values below 100 are suppressed for reasons of respondent confidentiality and/or data reliability.

NOTE: Details may not add to totals because of rounding.

SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-94. Number of 1992 science and engineering master's degree recipients who are employed, employed full time, employed part time, and number who have a second job, by field of degree: April 1993

Major field	Total recipients	Employed	Employed full time	Employed part time	Having a second job
All science and engineering fields	58,600	51,400	40,100	11,400	5,100
Major type					
Total science	37,700	32,500	23,800	8,700	3,800
Total engineering	20,900	18,900	16,300	2,700	1,300
Major field					
Computer and mathematical sciences, total	11,100	9,800	7,800	2,000	700
Computer science and information sciences	7,100	6,400	5,600	800	200
Mathematics and related sciences	3,900	3,400	2,200	1,200	500
Life and related sciences, total	6,300	5,300	4,100	1,200	600
Agricultural and food sciences	900	800	600	200	S
Biological sciences	4,800	4,000	3,100	900	500
Environmental life sciences including forestry sciences	500	500	400	S	S
Physical and related sciences, total	5,400	4,700	3,400	1,300	300
Chemistry, except biochemistry	1,500	1,300	1,000	300	S
Earth sciences, geology, and oceanography	1,600	1,400	1,200	200	S
Physics and astronomy	2,100	1,700	900	800	S
Other physical sciences	200	200	200	S	S
Social and related sciences, total	14,900	12,800	8,600	4,200	2,200
Economics	2,100	1,800	1,200	700	S
Political science and related sciences	3,200	2,900	2,300	600	500
Psychology	6,400	5,400	3,500	1,900	1,000
Sociology and anthropology	1,800	1,500	800	700	300
Other social sciences	1,400	1,200	800	300	300
Engineering, total	20,900	18,900	16,300	2,700	1,300
Aerospace and related engineering	1,000	900	700	100	S
Chemical engineering	900	800	700	200	S
Civil and architectural engineering	2,400	2,200	1,900	300	S
Electrical, electronic, computer and communications engineering	7,600	6,900	6,000	800	700
Industrial engineering	1,400	1,200	1,100	100	S
Mechanical engineering	3,300	3,000	2,500	500	100
Other engineering	4,400	4,000	3,400	600	200

KEY: S = Data values below 100 are suppressed for reasons of respondent confidentiality and/or data reliability.
NOTE: Details may not add to totals because of rounding.
SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-95. Number of 1992 science and engineering master's degree recipients who are employed, unemployed, and not in the labor force, by field of degree: April 1993

Major field	Total recipients	Employed	Unemployed 1/	Not in labor force
All science and engineering fields	58,600	51,400	2,700	4,500
Major type				
Total science	37,700	32,500	1,800	3,500
Total engineering	20,900	18,900	900	1,000
Major field				
Computer and mathematical sciences, total	11,100	9,800	500	800
Computer science and information sciences	7,100	6,400	300	400
Mathematics and related sciences	3,900	3,400	200	400
Life and related sciences, total	6,300	5,300	200	800
Agricultural and food sciences	900	800	S	S
Biological sciences	4,800	4,000	100	700
Environmental life sciences including forestry sciences	500	500	S	S
Physical and related sciences, total	5,400	4,700	300	500
Chemistry, except biochemistry	1,500	1,300	S	100
Earth sciences, geology, and oceanography	1,600	1,400	100	S
Physics and astronomy	2,100	1,700	100	200
Other physical sciences	200	200	S	S
Social and related sciences, total	14,900	12,800	800	1,400
Economics	2,100	1,800	100	200
Political science and related sciences	3,200	2,900	100	200
Psychology	6,400	5,400	400	600
Sociology and anthropology	1,800	1,500	S	200
Other social sciences	1,400	1,200	S	200
Engineering, total	20,900	18,900	900	1,000
Aerospace and related engineering	1,000	900	S	S
Chemical engineering	900	800	S	S
Civil and architectural engineering	2,400	2,200	200	S
Electrical, electronic, computer and communications engineering	7,600	6,900	300	400
Industrial engineering	1,400	1,200	S	S
Mechanical engineering	3,300	3,000	100	200
Other engineering	4,400	4,000	200	200

1/ The unemployed are those who were not working on April 15 and who were seeking work or who were on layoff from a job.

KEY: S = Data values below 100 are suppressed for reasons of respondent confidentiality and/or data reliability.

NOTE: Details may not add to totals because of rounding.

SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-96. Number of 1992 science and engineering master's degree recipients who are not full-time students and number of non-full-time students who are not in the labor force, in the labor force, employed, and unemployed, by field of degree: April 1993

Major field	Not full-time students				
	Total number	Not in labor force	In labor force	In labor force	
				Employed	Unemployed 1/
All science and engineering fields	43,900	1,300	42,600	40,700	1,900
Major type					
Total science	27,000	1,000	25,900	24,700	1,200
Total engineering	16,900	300	16,600	16,000	700
Major field					
Computer and mathematical sciences, total	9,200	400	8,800	8,400	400
Computer science and information sciences	6,400	200	6,200	5,900	300
Mathematics and related sciences	2,800	200	2,600	2,500	100
Life and related sciences, total	4,400	200	4,300	4,100	200
Agricultural and food sciences	700	S	600	600	S
Biological sciences	3,300	100	3,200	3,100	100
Environmental life sciences including forestry sciences	500	S	500	500	S
Physical and related sciences, total	3,200	S	3,200	3,000	200
Chemistry, except biochemistry	1,000	S	1,000	900	S
Earth sciences, geology, and oceanography	1,300	S	1,300	1,200	S
Physics and astronomy	800	S	800	700	S
Other physical sciences	200	S	200	200	S
Social and related sciences, total	10,100	400	9,700	9,200	500
Economics	1,400	S	1,300	1,200	S
Political science and related sciences	2,500	S	2,500	2,400	S
Psychology	4,100	S	4,000	3,700	300
Sociology and anthropology	900	S	900	800	S
Other social sciences	1,200	S	1,100	1,000	S
Engineering, total	16,900	300	16,600	16,000	700
Aerospace and related engineering	700	S	700	600	S
Chemical engineering	600	S	600	600	S
Civil and architectural engineering	2,000	S	2,000	1,900	S
Electrical, electronic, computer and communications engineering	6,200	100	6,100	5,900	200
Industrial engineering	1,200	S	1,200	1,100	S
Mechanical engineering	2,600	S	2,600	2,400	100
Other engineering	3,600	S	3,600	3,400	100

1/ The unemployed are those who were not working on April 15 and who were seeking work or who were on layoff from a job.

KEY: S = Data values below 100 are suppressed for reasons of respondent confidentiality and/or data reliability.

NOTE: Details may not add to totals because of rounding.

SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-97. Number of 1992 science and engineering master's degree recipients who are not working, and reasons for not working, by field of degree: April 1993

Major field	Total recip-ients	Total not working	Reasons for not working					
			Student	Suitable job not available	Family respon-sibilities	On layoff	Not need/ want to work	Other
All science and engineering fields	58,600	7,200	4,200	1,700	600	300	500	500
Major type								
Total science	37,700	5,200	3,200	1,200	400	200	300	300
Total engineering	20,900	2,000	1,100	500	200	100	200	200
Major field								
Computer and mathematical sciences, total	11,100	1,300	500	400	200	S	S	100
Computer science and information sciences	7,100	700	200	200	200	S	S	100
Mathematics and related sciences	3,900	600	300	200	S	S	S	S
Life and related sciences, total	6,300	1,000	700	200	S	S	S	S
Agricultural and food sciences	900	100	S	S	S	S	S	S
Biological sciences	4,800	800	600	200	S	S	S	S
Environmental life sciences including forestry sciences	500	S	S	S	S	S	S	S
Physical and related sciences, total	5,400	800	600	100	S	S	S	S
Chemistry, except biochemistry	1,500	200	100	S	S	S	S	S
Earth sciences, geology, and oceanography	1,600	200	100	S	S	S	S	S
Physics and astronomy	2,100	300	300	S	S	S	S	S
Other physical sciences	200	S	S	S	S	S	S	S
Social and related sciences, total	14,900	2,100	1,400	400	200	S	300	S
Economics	2,100	300	200	S	S	S	S	S
Political science and related sciences	3,200	300	300	S	S	S	S	S
Psychology	6,400	1,000	500	300	100	S	200	S
Sociology and anthropology	1,800	300	200	S	S	S	S	S
Other social sciences	1,400	200	200	S	S	S	S	S
Engineering, total	20,900	2,000	1,100	500	200	100	200	200
Aerospace and related engineering	1,000	100	S	S	S	S	S	S
Chemical engineering	900	100	S	S	S	S	S	S
Civil and architectural engineering	2,400	200	100	100	S	S	S	S
Electrical, electronic, computer and communications engineering	7,600	700	400	200	100	S	100	S
Industrial engineering	1,400	100	S	S	S	S	S	S
Mechanical engineering	3,300	300	200	100	S	S	S	S
Other engineering	4,400	400	200	S	S	S	S	100

KEY: S = Data values below 100 are suppressed for reasons of respondent confidentiality and/or data reliability.

NOTE: Respondents may indicate more than one reason for not working. Details may not add to totals because of rounding.

SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-98. Number of employed 1992 science and engineering master's degree recipients, by occupation and field of degree: April 1993

Major field	Total employed	Occupation					
		Computer and mathe-matical scientists	Life and related scientists	Physical scientists	Social and related scientists	Engineers	Other fields 1/
All science and engineering fields	51,400	8,200	3,300	4,100	4,800	15,100	15,900
Major type							
Total science	32,500	6,300	3,200	3,500	4,800	1,100	13,600
Total engineering	18,900	1,900	S	600	S	14,000	2,300
Major field							
Computer and mathematical sciences, total	9,800	5,800	S	S	S	400	3,600
Computer science and information sciences	6,400	3,800	S	S	S	200	2,400
Mathematics and related sciences	3,400	1,900	S	S	S	100	1,200
Life and related sciences, total	5,300	S	2,700	300	S	S	2,100
Agricultural and food sciences	800	S	400	S	S	S	300
Biological sciences	4,000	S	2,100	S	S	S	1,600
Environmental life sciences including forestry sciences	500	S	100	200	S	S	100
Physical and related sciences, total	4,700	100	300	3,100	S	300	900
Chemistry, except biochemistry	1,300	S	200	900	S	S	200
Earth sciences, geology, and oceanography	1,400	S	S	900	S	100	400
Physics and astronomy	1,700	S	S	1,200	S	200	200
Other physical sciences	200	S	S	S	S	S	S
Social and related sciences, total	12,800	300	200	200	4,700	300	7,100
Economics	1,800	100	100	S	800	S	700
Political science and related sciences	2,900	S	S	S	700	S	2,100
Psychology	5,400	200	S	S	2,200	200	2,800
Sociology and anthropology	1,500	S	S	S	800	S	600
Other social sciences	1,200	S	S	100	S	S	900
Engineering, total	18,900	1,900	S	600	S	14,000	2,300
Aerospace and related engineering	900	S	S	S	S	600	200
Chemical engineering	800	S	S	S	S	700	S
Civil and architectural engineering	2,200	S	S	S	S	1,900	200
Electrical, electronic, computer and communications engineering	6,900	1,200	S	100	S	5,000	500
Industrial engineering	1,200	200	S	S	S	700	300
Mechanical engineering	3,000	100	S	S	S	2,600	200
Other engineering	4,000	200	S	300	S	2,500	900

1/ This broad category includes the following occupations: Managers and related occupations; health and related occupations; educators other than S&E postsecondary; social services and related occupations; technicians, including computer programmers; sales and marketing occupations; and all other occupations.

KEY: S = Data values below 100 are suppressed for reasons of respondent confidentiality and/or data reliability.

NOTE: Details may not add to totals because of rounding.

SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-99. Number of employed 1992 science and engineering master's degree recipients who have a job for which license or certification is required or recommended, and number of these that have license or certificate, by sex and field of degree: April 1993

Major field	Total employed	Number for whom license or certificate required or recommended			Number for whom license or certificate required or recommended who have license or certificate		
		Total	Male	Female	Total	Male	Female
All science and engineering fields	51,400	15,000	9,000	6,100	7,200	4,100	3,000
Major type							
Total science	32,500	9,000	4,000	5,000	5,000	2,200	2,800
Total engineering	18,900	6,000	5,000	1,000	2,100	1,900	200
Major field							
Computer and mathematical sciences, total	9,800	1,500	800	700	1,100	500	600
Computer science and information sciences	6,400	500	300	300	400	200	200
Mathematics and related sciences	3,400	900	500	400	700	300	300
Life and related sciences, total	5,300	1,700	700	1,000	1,200	400	800
Agricultural and food sciences	800	200	100	S	200	100	S
Biological sciences	4,000	1,300	500	800	900	200	700
Environmental life sciences including forestry sciences	500	200	100	S	100	S	S
Physical and related sciences, total	4,700	1,100	800	300	600	400	200
Chemistry, except biochemistry	1,300	300	200	100	100	S	S
Earth sciences, geology, and oceanography	1,400	500	400	S	200	200	S
Physics and astronomy	1,700	300	200	100	100	S	S
Other physical sciences	200	S	S	S	S	S	S
Social and related sciences, total	12,800	4,700	1,700	3,000	2,200	900	1,200
Economics	1,800	300	200	S	100	100	S
Political science and related sciences	2,900	900	600	200	700	600	S
Psychology	5,400	2,800	600	2,200	1,000	100	800
Sociology and anthropology	1,500	300	S	200	S	S	S
Other social sciences	1,200	500	100	300	300	S	200
Engineering, total	18,900	6,000	5,000	1,000	2,100	1,900	200
Aerospace and related engineering	900	200	200	S	S	S	S
Chemical engineering	800	300	300	S	S	S	S
Civil and architectural engineering	2,200	1,700	1,400	300	600	600	S
Electrical, electronic, computer and communications engineering	6,900	1,100	900	200	300	300	S
Industrial engineering	1,200	400	300	S	S	S	S
Mechanical engineering	3,000	1,000	900	100	300	200	S
Other engineering	4,000	1,400	1,000	400	700	500	100

KEY: S = Data values below 100 are suppressed for reasons of respondent confidentiality and/or data reliability.
NOTE: Details may not add to totals because of rounding.
SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-100. Number of 1992 science and engineering master's degree recipients who have had a career path job since being awarded most recent degree, and number not having career path job who are seeking one, by sex and field of degree: April 1993

Major field	Total recipients	Number having a career path job			Number not having career path job	Number of those not having a career path job who are seeking a career path job		
		Total	Male	Female		Total	Male	Female
All science and engineering fields	58,600	36,700	24,300	12,400	22,000	8,300	5,300	3,100
Major type								
Total science	37,700	22,500	12,300	10,200	15,200	5,600	2,900	2,700
Total engineering	20,900	14,100	11,900	2,200	6,800	2,700	2,400	400
Major field								
Computer and mathematical sciences, total	11,100	8,200	5,600	2,600	2,900	1,400	700	700
Computer science and information sciences	7,100	5,800	4,500	1,300	1,400	700	300	400
Mathematics and related sciences	3,900	2,400	1,100	1,300	1,500	700	400	300
Life and related sciences, total	6,300	3,600	1,600	2,000	2,700	900	500	400
Agricultural and food sciences	900	500	300	300	400	200	S	S
Biological sciences	4,800	2,700	1,100	1,600	2,200	600	300	300
Environmental life sciences including forestry sciences	500	400	200	200	100	S	S	S
Physical and related sciences, total	5,400	2,800	1,900	900	2,600	600	500	100
Chemistry, except biochemistry	1,500	800	400	400	700	200	200	S
Earth sciences, geology, and oceanography	1,600	1,100	900	200	500	100	S	S
Physics and astronomy	2,100	800	500	300	1,300	300	200	S
Other physical sciences	200	200	S	S	S	S	S	S
Social and related sciences, total	14,900	7,900	3,300	4,600	7,000	2,800	1,300	1,500
Economics	2,100	1,100	600	400	1,100	400	400	S
Political science and related sciences	3,200	1,800	1,100	700	1,400	800	500	300
Psychology	6,400	3,400	1,000	2,400	3,000	900	200	700
Sociology and anthropology	1,800	800	300	400	1,000	300	S	300
Other social sciences	1,400	900	200	600	500	300	100	200
Engineering, total	20,900	14,100	11,900	2,200	6,800	2,700	2,400	400
Aerospace and related engineering	1,000	600	500	S	300	100	100	S
Chemical engineering	900	600	500	S	400	100	100	S
Civil and architectural engineering	2,400	1,600	1,300	300	800	400	300	S
Electrical, electronic, computer and communications engineering	7,600	5,200	4,700	500	2,400	700	600	100
Industrial engineering	1,400	900	700	200	400	300	200	S
Mechanical engineering	3,300	2,200	1,900	300	1,100	500	500	S
Other engineering	4,400	3,000	2,300	700	1,400	600	500	100

KEY: S = Data values below 100 are suppressed for reasons of respondent confidentiality and/or data reliability.
NOTE: Details may not add to totals because of rounding.
SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-101. Number of employed 1992 science and engineering master's degree recipients having job closely, somewhat, and not related to degree, by field of degree: April 1993

Major field	Total employed	Relationship of degree to job		
		Closely related	Somewhat related	Not related
All science and engineering fields	51,400	34,000	13,100	4,400
Major type				
Total science	32,500	21,900	7,200	3,400
Total engineering	18,900	12,100	5,900	1,000
Major field				
Computer and mathematical sciences, total	9,800	7,100	2,100	600
Computer science and information sciences	6,400	4,800	1,400	200
Mathematics and related sciences	3,400	2,300	700	400
Life and related sciences, total	5,300	3,800	1,100	400
Agricultural and food sciences	800	600	200	S
Biological sciences	4,000	2,900	800	300
Environmental life sciences including forestry sciences	500	300	100	S
Physical and related sciences, total	4,700	3,500	800	300
Chemistry, except biochemistry	1,300	1,000	300	S
Earth sciences, geology, and oceanography	1,400	1,100	200	100
Physics and astronomy	1,700	1,300	300	100
Other physical sciences	200	200	S	S
Social and related sciences, total	12,800	7,500	3,200	2,100
Economics	1,800	900	700	300
Political science and related sciences	2,900	1,400	900	600
Psychology	5,400	3,700	1,000	700
Sociology and anthropology	1,500	900	300	200
Other social sciences	1,200	600	200	300
Engineering, total	18,900	12,100	5,900	1,000
Aerospace and related engineering	900	500	200	100
Chemical engineering	800	600	200	S
Civil and architectural engineering	2,200	1,600	500	S
Electrical, electronic, computer and communications engineering	6,900	4,400	2,300	200
Industrial engineering	1,200	500	600	S
Mechanical engineering	3,000	1,800	900	300
Other engineering	4,000	2,700	1,100	200

KEY: S = Data values below 100 are suppressed for reasons of respondent confidentiality and/or data reliability.
NOTE: Details may not add to totals because of rounding.
SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-102. Number of employed 1992 science and engineering master's degree recipients, by sex, race/ethnicity, and occupation: April 1993

Occupation	Total employed	Sex		Race/ethnicity				
		Male	Female	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian or Pacific Islander	American Indian/ Alaskan Native
All employed science and engineering graduates	51,400	33,600	17,800	37,000	1,800	1,400	11,100	200
Occupation type								
Total scientists	20,400	11,900	8,500	14,300	600	600	4,800	S
Total engineers	15,100	12,900	2,300	10,600	200	400	4,000	S
Total other occupations	15,900	8,800	7,100	12,100	1,000	400	2,300	S
Occupation								
Computer and mathematical scientists	8,200	5,500	2,700	5,300	100	100	2,600	S
Life and related scientists	3,300	1,600	1,600	2,300	100	S	700	S
Physical scientists	4,100	3,000	1,200	3,100	S	100	800	S
Social and related scientists	4,800	1,800	3,000	3,600	300	300	600	S
Engineers	15,100	12,900	2,300	10,600	200	400	4,000	S
Managers and related occupations	4,100	2,900	1,200	3,500	200	200	100	S
Health and related occupations	1,000	100	800	800	S	S	S	S
Educators other than S&E postsecondary	2,500	1,000	1,400	2,200	200	S	S	S
Social services and related occupations	1,000	400	700	800	100	S	S	S
Technicians including computer programmers	2,800	2,200	700	1,200	100	S	1,500	S
Sales and marketing occupations	1,200	700	500	1,000	S	S	S	S
Other occupations	3,300	1,500	1,800	2,500	200	S	500	S

KEY: S = Data values below 100 are suppressed for reasons of respondent confidentiality and/or data reliability.

NOTE: Details may not add to totals because of rounding.

SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-103. Number of employed 1992 science and engineering master's degree recipients, by age and occupation: April 1993

Occupation	Total employed	Age				
		Less than 25	25-29	30-34	35-39	40 or more
All employed science and engineering graduates	51,400	4,100	25,400	11,400	5,900	4,600
Occupation type						
Total scientists	20,400	1,700	10,200	4,100	2,500	1,900
Total engineers	15,100	1,300	8,600	3,900	900	400
Total other occupations	15,900	1,100	6,600	3,400	2,600	2,400
Occupation						
Computer and mathematical scientists	8,200	700	4,000	1,700	1,000	800
Life and related scientists	3,300	200	1,800	500	400	300
Physical scientists	4,100	400	1,800	1,100	600	300
Social and related scientists	4,800	500	2,600	700	400	500
Engineers	15,100	1,300	8,600	3,900	900	400
Managers and related occupations	4,100	200	1,500	700	1,000	700
Health and related occupations	1,000	S	300	100	100	400
Educators other than S&E postsecondary	2,500	S	1,000	500	300	600
Social services and related occupations	1,000	100	500	S	200	100
Technicians including computer programmers	2,800	S	1,500	1,000	200	S
Sales and marketing occupations	1,200	200	400	200	200	200
Other occupations	3,300	400	1,500	800	500	200

KEY: S = Data values below 100 are suppressed for reasons of respondent confidentiality and/or data reliability.

NOTE: Details may not add to totals because of rounding.

SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-104. Number of employed 1992 science and engineering master's degree recipients, by sector of employment and occupation: April 1993

Occupation	Total employed	Sector of employment						
		Private, for profit company	Self-employed	4-year college and university	Other educational	Nonprofit organizations	Federal government	State or local government
All employed science and engineering graduates	51,400	24,000	900	13,400	3,200	2,800	4,700	2,400
Occupation type								
Total scientists	20,400	7,400	200	8,400	1,100	900	1,500	800
Total engineers	15,100	9,500	100	3,200	S	300	1,600	500
Total other occupations	15,900	7,100	600	1,800	2,100	1,600	1,700	1,100
Occupation								
Computer and mathematical scientists	8,200	4,900	S	1,800	400	300	600	S
Life and related scientists	3,300	600	S	2,000	S	100	200	200
Physical scientists	4,100	1,400	S	2,000	200	S	300	200
Social and related scientists	4,800	600	S	2,600	400	500	300	400
Engineers	15,100	9,500	100	3,200	S	300	1,600	500
Managers and related occupations	4,100	2,100	S	200	S	300	1,200	300
Health and related occupations	1,000	400	S	200	S	300	S	100
Educators other than S&E postsecondary	2,500	S	S	200	2,000	S	S	S
Social services and related occupations	1,000	200	S	100	S	500	S	300
Technicians including computer programmers	2,800	1,900	100	500	S	200	200	S
Sales and marketing occupations	1,200	1,000	100	S	S	S	S	S
Other occupations	3,300	1,600	300	500	S	400	200	300

KEY: S = Data values below 100 are suppressed for reasons of respondent confidentiality and/or data reliability.
NOTE: Details may not add to totals because of rounding.
SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-105. Number of employed 1992 science and engineering master's degree recipients, by sector of employment and field of degree: April 1993

Major field	Total employed	Sector of employment						
		Private, for profit company	Self-employed	4-year college and university	Other educational	Nonprofit organizations	Federal government	State or local government
All science and engineering fields	51,400	24,000	900	13,400	3,200	2,800	4,700	2,400
Major type								
Total science	32,500	12,500	700	9,700	3,000	2,400	2,300	1,900
Total engineering	18,900	11,500	200	3,700	200	400	2,400	500
Major field								
Computer and mathematical sciences, total	9,800	5,600	200	1,900	1,000	300	700	200
Computer science and information sciences	6,400	4,700	S	700	200	200	500	200
Mathematics and related sciences	3,400	900	100	1,100	800	100	200	S
Life and related sciences, total	5,300	1,400	S	2,100	700	200	400	400
Agricultural and food sciences	800	200	S	300	S	S	S	S
Biological sciences	4,000	1,000	S	1,700	500	200	300	200
Environmental life sciences including forestry sciences	500	100	S	S	100	S	S	S
Physical and related sciences, total	4,700	1,600	S	2,000	400	200	300	100
Chemistry, except biochemistry	1,300	500	S	600	S	S	S	S
Earth sciences, geology, and oceanography	1,400	700	S	300	S	S	100	S
Physics and astronomy	1,700	300	S	1,100	100	S	100	S
Other physical sciences	200	S	S	S	S	S	S	S
Social and related sciences, total	12,800	3,900	500	3,700	900	1,700	900	1,200
Economics	1,800	800	S	700	S	S	100	S
Political science and related sciences	2,900	800	200	400	100	400	600	300
Psychology	5,400	1,700	200	1,700	300	800	S	700
Sociology and anthropology	1,500	300	S	600	200	200	S	200
Other social sciences	1,200	300	S	300	300	200	S	S
Engineering, total	18,900	11,500	200	3,700	200	400	2,400	500
Aerospace and related engineering	900	400	S	200	S	S	200	S
Chemical engineering	800	400	S	400	S	S	S	S
Civil and architectural engineering	2,200	1,100	S	300	S	S	300	300
Electrical, electronic, computer and communications engineering	6,900	4,400	S	1,200	100	200	800	200
Industrial engineering	1,200	1,000	S	200	S	S	S	S
Mechanical engineering	3,000	2,100	S	600	S	S	200	S
Other engineering	4,000	2,100	S	900	S	S	800	S

KEY: S = Data values below 100 are suppressed for reasons of respondent confidentiality and/or data reliability.

NOTE: Details may not add to totals because of rounding.

SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-106. Number of employed 1992 science and engineering master's degree recipients, by primary work activity and field of degree: April 1993

Major field	Total employed	Primary work activity				
		Research and development (R&D)	Computer applications	Manage-ment, sales, admini-stration	Teaching	Other
All science and engineering fields	51,400	20,000	9,800	9,000	6,500	6,200
Major type						
Total science	32,500	9,700	6,000	6,200	5,900	4,800
Total engineering	18,900	10,300	3,900	2,800	600	1,400
Major field						
Computer and mathematical sciences, total	9,800	1,700	4,500	1,000	1,800	700
Computer science and information sciences	6,400	1,100	4,000	600	300	400
Mathematics and related sciences	3,400	600	500	300	1,600	300
Life and related sciences, total	5,300	2,500	200	900	1,100	600
Agricultural and food sciences	800	300	S	200	S	100
Biological sciences	4,000	2,000	100	500	900	400
Environmental life sciences including forestry sciences	500	100	S	200	100	S
Physical and related sciences, total	4,700	2,700	300	500	700	500
Chemistry, except biochemistry	1,300	900	S	S	200	100
Earth sciences, geology, and oceanography	1,400	700	100	300	100	200
Physics and astronomy	1,700	1,000	200	S	300	200
Other physical sciences	200	S	S	S	S	S
Social and related sciences, total	12,800	2,800	900	3,800	2,200	3,000
Economics	1,800	600	200	500	200	200
Political science and related sciences	2,900	700	200	1,100	400	500
Psychology	5,400	1,000	200	1,500	800	2,000
Sociology and anthropology	1,500	400	S	300	400	200
Other social sciences	1,200	S	200	500	300	S
Engineering, total	18,900	10,300	3,900	2,800	600	1,400
Aerospace and related engineering	900	400	200	200	S	S
Chemical engineering	800	500	100	S	S	100
Civil and architectural engineering	2,200	900	400	500	S	400
Electrical, electronic, computer and communications engineering	6,900	4,100	1,900	400	200	200
Industrial engineering	1,200	300	400	400	100	S
Mechanical engineering	3,000	2,000	400	300	200	200
Other engineering	4,000	2,200	500	900	S	300

KEY: S = Data values below 100 are suppressed for reasons of respondent confidentiality and/or data reliability.

NOTE: Primary work activity is defined as activity in which respondent worked most hours on job in typical work week. Details may not add to totals because of rounding.

SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-107. Number of employed 1992 science and engineering master's degree recipients, by primary work activity and occupation: April 1993

Occupation	Total employed	Primary work activity				
		Research and development (R&D)	Computer applications	Manage-ment, sales, admini-stration	Teaching	Other
All employed science and engineering graduates	51,400	20,000	9,800	9,000	6,500	6,200
Occupation type						
Total scientists	20,400	8,600	5,000	1,100	3,600	2,100
Total engineers	15,100	9,600	2,400	1,600	400	1,100
Total other occupations	15,900	1,800	2,400	6,300	2,500	2,900
Occupation						
Computer and mathematical scientists	8,200	1,800	4,400	300	1,300	400
Life and related scientists	3,300	2,300	100	200	500	200
Physical scientists	4,100	2,700	200	300	600	300
Social and related scientists	4,800	1,900	200	200	1,300	1,200
Engineers	15,100	9,600	2,400	1,600	400	1,100
Managers and related occupations	4,100	100	200	3,600	S	200
Health and related occupations	1,000	S	100	S	100	600
Educators other than S&E postsecondary	2,500	100	S	S	2,200	S
Social services and related occupations	1,000	S	S	400	S	500
Technicians including computer programmers	2,800	800	1,600	200	S	100
Sales and marketing occupations	1,200	S	S	1,000	S	S
Other occupations	3,300	500	400	900	S	1,400

KEY: S = Data values below 100 are suppressed for reasons of respondent confidentiality and/or data reliability.

NOTE: Primary work activity is defined as activity in which respondent worked the most hours on job in typical work week. Details may not add to totals because of rounding.

SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-108. Number of employed 1992 science and engineering master's degree recipients whose work is supported by federal government, and agency giving support, by field of degree: April 1993

Major field	Total employed	Number whose work is supported by federal government	Agency supporting work							
			Department of Defense	Department of Education	Department of Energy	EPA	NASA	NIH	NSF	Other
All science and engineering fields	51,400	12,100	4,400	700	1,400	800	900	1,400	1,600	S
Major type										
Total science	32,500	7,300	1,500	700	900	500	500	1,200	1,200	S
Total engineering	18,900	4,700	3,000	S	500	300	500	300	400	S
Major field										
Computer and mathematical sciences, total	9,800	1,600	900	S	200	S	200	200	S	S
Computer science and information sciences	6,400	1,000	700	S	S	S	200	200	S	S
Mathematics and related sciences	3,400	600	200	S	100	S	S	S	S	S
Life and related sciences, total	5,300	1,400	S	S	S	200	S	600	300	S
Agricultural and food sciences	800	100	S	S	S	S	S	S	S	S
Biological sciences	4,000	1,200	S	S	S	S	S	600	300	S
Environmental life sciences including forestry sciences	500	100	S	S	S	S	S	S	S	S
Physical and related sciences, total	4,700	1,800	300	S	600	100	200	200	600	S
Chemistry, except biochemistry	1,300	400	S	S	S	S	S	200	100	S
Earth sciences, geology, and oceanography	1,400	600	S	S	200	S	S	S	100	S
Physics and astronomy	1,700	900	200	S	300	S	200	S	300	S
Other physical sciences	200	S	S	S	S	S	S	S	S	S
Social and related sciences, total	12,800	2,500	200	600	100	200	S	100	300	S
Economics	1,800	300	S	S	S	S	S	S	S	S
Political science and related sciences	2,900	600	S	S	S	S	S	S	200	S
Psychology	5,400	1,100	S	300	S	S	S	100	S	S
Sociology and anthropology	1,500	200	S	S	S	S	S	S	S	S
Other social sciences	1,200	300	S	100	S	S	S	S	S	S
Engineering, total	18,900	4,700	3,000	S	500	300	500	300	400	S
Aerospace and related engineering	900	400	200	S	S	S	100	S	S	S
Chemical engineering	800	200	S	S	S	S	S	S	S	S
Civil and architectural engineering	2,200	500	S	S	S	100	S	S	S	S
Electrical, electronic, computer and communications engineering	6,900	1,900	1,600	S	S	S	S	S	100	S
Industrial engineering	1,200	S	S	S	S	S	S	S	S	S
Mechanical engineering	3,000	700	400	S	100	S	100	S	100	S
Other engineering	4,000	1,000	500	S	200	100	S	200	100	S

KEY: S = Data values below 100 are suppressed for reasons of respondent confidentiality and/or data reliability.

NOTE: Respondent's work may be supported by more than one federal agency. Details may not add to totals because of rounding.

SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993

Table B-109. Median salary of full-time employed 1992 master's degree recipients, by sex, race/ethnicity, and field of degree: April 1993

Major field	Total	Sex		Race/ethnicity				
		Male	Female	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian or Pacific Islander	American Indian/ Alaskan Native
All science and engineering fields	$37,500	$40,000	$33,000	$38,500	$33,800	$35,000	$36,000	S
Major type								
Total science	33,800	36,000	30,000	33,800	30,000	26,000	35,000	S
Total engineering	41,600	42,000	40,000	43,000	40,000	40,000	38,000	S
Major field								
Computer and mathematical sciences, total	40,000	40,000	38,000	40,000	S	S	36,000	S
Computer science and information sciences	42,000	43,200	S	43,200	S	S	36,000	S
Mathematics and related sciences	35,000	33,500	35,000	35,000	S	S	S	S
Life and related sciences, total	29,500	30,000	28,900	29,000	S	S	S	S
Agricultural and food sciences	30,000	30,600	S	29,000	S	S	S	S
Biological sciences	28,000	26,000	28,900	28,000	S	S	S	S
Environmental life sciences including forestry sciences	33,700	S	S	34,000	S	S	S	S
Physical and related sciences, total	35,000	36,000	34,000	37,000	S	S	32,000	S
Chemistry, except biochemistry	34,000	35,900	34,000	35,900	S	S	S	S
Earth sciences, geology, and oceanography	39,000	39,000	S	40,000	S	S	S	S
Physics and astronomy	35,000	35,000	S	37,800	S	S	S	S
Other physical sciences	S	S	S	S	S	S	S	S
Social and related sciences, total	28,000	31,200	26,500	28,600	S	S	S	S
Economics	31,200	31,200	S	32,000	S	S	S	S
Political science and related sciences	34,700	41,000	S	35,000	S	S	S	S
Psychology	26,500	28,000	25,000	26,500	S	S	S	S
Sociology and anthropology	22,700	S	21,600	23,400	S	S	S	S
Other social sciences	S	S	S	S	S	S	S	S
Engineering, total	41,600	42,000	40,000	43,000	S	40,000	38,000	S
Aerospace and related engineering	41,000	40,000	S	41,600	S	S	S	S
Chemical engineering	42,000	42,000	S	43,000	S	S	S	S
Civil and architectural engineering	36,000	36,000	S	37,000	S	S	S	S
Electrical, electronic, computer and communications engineering	43,000	43,000	S	43,800	S	S	40,000	S
Industrial engineering	40,000	40,000	37,100	42,500	S	S	36,000	S
Mechanical engineering	41,000	40,000	S	43,000	S	S	38,500	S
Other engineering	42,000	43,800	39,000	43,800	S	S	35,000	S

1/ Salary for self-employed persons and for full-time students is not included in data presented in table.

KEY: S = Data are suppressed for reasons of respondent confidentiality and/or data reliability. Unweighted cell size less than 20.

NOTE: Salary for self-employed persons and for full-time students not included in data presented in table.

SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993.

Table B-110. Median salary of full-time employed 1992 master's degree recipients, by sex, race/ethnicity, and occupation: April 1993

Occupation	Total	Sex		Race/ethnicity				
		Male	Female	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian or Pacific Islander	American Indian/ Alaskan Native
All employed science and engineering graduates	$37,500	$40,000	$33,000	$38,500	$33,800	$35,000	$36,000	S
Occupation type								
Total scientists	36,000	38,000	32,000	S	26,000	S	36,000	S
Total engineers	41,600	42,000	41,000	42,300	S	40,000	39,000	S
Total other occupations	33,000	35,000	28,600	33,000	34,000	S	33,000	S
Occupation								
Computer and mathematical scientists	41,000	42,000	39,000	42,000	S	S	39,000	S
Life and related scientists	29,000	29,000	28,900	28,900	S	S	S	S
Physical scientists	35,000	36,000	34,000	35,800	S	S	33,800	S
Social and related scientists	27,800	S	26,000	28,000	S	S	S	S
Engineers	41,600	42,000	41,000	42,300	S	40,000	39,000	S
Managers and related occupations	42,000	45,000	35,000	42,000	S	S	S	S
Health and related occupations 1/	28,600	S	S	S	S	S	S	S
Educators other than S&E postsecondary	30,000	31,500	27,000	31,000	S	S	S	S
Social services and related occupations	25,000	S	S	S	S	S	S	S
Technicians including computer programmers	35,000	35,400	S	40,000	S	S	33,000	S
Sales and marketing occupations	25,000	S	S	25,000	S	S	S	S
Other occupations	26,400	27,200	23,000	26,400	S	S	S	S

1/ Health-related majors are not included in sample. Salaries are not representative of those received by health-related occupations.

KEY: S = Data are suppressed for reasons of respondent confidentiality and/or data reliability. Unweighted cell size is less than 20.

NOTE: Salary for self-employed persons and for full-time students is not included in data presented in table.

SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates (NSRCG), 1993

Table B-111. Median salary of full-time employed 1992 master's degree recipients, by broad sector of employment and field of degree: April 1993

Major field	Total	Broad sector of employment		
		Private industry and business 1/	Educational institution	Government
All science and engineering fields	$37,500	$40,000	$27,000	$38,000
Major type				
Total science	33,800	36,000	26,400	34,000
Total engineering	41,600	42,000	36,000	42,000
Major field				
Computer and mathematical sciences, total	40,000	42,000	30,000	S
Computer science and information sciences	42,000	43,000	S	S
Mathematics and related sciences	35,000	36,000	29,000	S
Life and related sciences, total	29,500	35,000	26,400	30,000
Agricultural and food sciences	30,000	S	S	S
Biological sciences	28,000	35,000	26,000	S
Environmental life sciences including forestry sciences	33,700	S	S	S
Physical and related sciences, total	35,000	38,000	25,000	33,600
Chemistry, except biochemistry	34,000	38,000	S	S
Earth sciences, geology, and oceanography	39,000	40,000	S	S
Physics and astronomy	35,000	36,000	S	S
Other physical sciences	S	S	S	S
Social and related sciences, total	28,000	28,000	24,500	31,000
Economics	31,200	32,000	S	S
Political science and related sciences	34,700	29,000	S	48,000
Psychology	26,500	28,000	S	S
Sociology and anthropology	22,700	S	S	S
Other social sciences	S	S	S	S
Engineering, total	41,600	42,000	36,000	42,000
Aerospace and related engineering	41,000	41,000	S	41,600
Chemical engineering	42,000	44,000	S	S
Civil and architectural engineering	36,000	36,000	S	37,000
Electrical, electronic, computer and communications engineering	43,000	43,000	S	S
Industrial engineering	40,000	40,000	S	S
Mechanical engineering	41,000	41,000	S	S
Other engineering	42,000	44,000	S	42,000

1/ Nonprofit included with private industry and business

KEY: S = Data are suppressed for reasons of respondent confidentiality and/or data reliability. Unweighted cell size is less than 20. Details may not add to totals because of rounding.

NOTE: Salary for self-employed persons and for full-time students is not included in data presented in table.

SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993.

Table B-112. Mean salary of full-time employed 1992 master's degree recipients, by broad sector of employment and occupation: April 1993

Occupation	Total	Broad sector of employment		
		Private industry and business 1/	Educational institutions	Government
All employed science and engineering graduates	$37,500	$40,000	$27,000	$38,000
Occupation type				
Total scientists	36,000	39,000	26,000	35,000
Total engineers	41,600	42,000	39,600	43,000
Total other occupations	33,000	34,000	26,500	36,000
Occupation				
Computer and mathematical scientists	41,000	42,000	S	S
Life and related scientists	29,000	36,000	25,000	S
Physical scientists	35,000	36,000	S	35,000
Social and related scientists	27,800	28,000	S	S
Engineers	41,600	42,000	39,600	43,000
Managers and related occupations	42,000	45,000	S	42,000
Health and related occupations 2/	28,600	S	S	S
Educators other than S&E postsecondary	30,000	S	29,500	S
Social services and related occupations	25,000	S	S	S
Technicians including computer programmers	35,000	35,000	S	S
Sales and marketing occupations	25,000	25,000	S	S
Other occupations	26,400	27,500	S	S

1/ Nonprofit included with private industry and business

2/ Health-related majors are not included in sample. Salaries are not representative of those received by health-related occupations.

KEY: S = Data are suppressed for reasons of respondent confidentiality and/or data reliability. Unweighted cell size is less than 20.

NOTE: Salary for self-employed persons and for full-time students is not included in data presented in table.

SOURCE: National Science Foundation/SRS, National Survey of Recent College Graduates, 1993